# WAC LIGHTING

**PRESENTS** 

THE 25th Anniversary Edition Catalog



Responsible Lighting

WAC Lighting is committed to making a positive impact on the world. As a lighting company, we can do this best through responsible manufacturing and employment practices, and ongoing energy efficient technology development. Here is our pledge to you, our neighbor and partner in this global community:

We use the most energy efficient technology to develop sustainable lighting which we define as maximizing the aesthetic quality of today's interior environment while preserving our natural environment. Our luminaires deliver the finest quality of light with the most energy efficient lamp and optic technology available. Whether you are utilizing the latest LED or CFL technology, or simply replacing high wattage incandescent lamps with lower wattage halogens, each improvement has a positive impact on the earth we all share.

**We conserve our natural resources and protect the environment** by managing our family owned, 750,000 square foot manufacturing campus as a zero-landfill operation that recycles aluminum, steel, plastic, paper and glass. We use 75% less energy with new water heating technology and daylight harvesting for illuminating offices, and we conserve water through a wastewater treatment process that sustains the gardens and trees throughout our campus. Exclusive precision tooling and process specialization are employed to minimize energy spent on manufacturing while creating products to the highest standards.

We believe family values also make good business values. We honor and respect human and civil rights with the implementation of fair and ethical business practices throughout our worldwide operations by enforcing international laws guarding child labor, safety and employment. Furthermore, we promote higher standards for entrepreneurship, diversity, and quality of life through the nourishment and development of talent.

We maintain strong social bonds to the community at local and global levels by creating opportunities for those less fortunate, through philanthropy, emergency relief, personal service and pro bono professional work. Some of the organizations we support include Alliance for Smiles, the American Red Cross, Gift of Life International, the Hope Schools, MS Society, New York Asian Women's Center, and Rotary International. We encourage our associates, industry partners, and friends to join us in our efforts.

Please visit our website, www.waclighting.com, where you can read more about our commitment to Responsible Lighting and learn how you can become more involved in making a difference with us. Thank you again for your support. Should you have any questions or comments regarding any of our products or practices, please feel free to contact us directly.

Shelley Wang President

Steller Harf

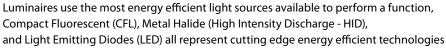
## **CONTENTS**

#### **SUSTAINABLE CHOICES**

As we become more aware of the inter-connectivity of the world around us, we can evaluate products, beyond merely their form or function, to consider the total impact on our quality of life. In the world of design this is defined as sustainability, and sustainable design considers many factors. Often the production or consumption of products can have varying degrees of environmental impact, societal contributions, and personal well-being. While you are evaluating your design choices, you may want to incorporate certain factors of sustainability. Throughout the catalog, we have included symbols for different levels of sustainability to assist with your selection. In lighting, this is primarily determined by the energy consumed throughout the life of the product. Consider the strengths and weaknesses of all technologies available within your design to achieve the best results.



Most sustainable choice:





Sustainable Choice:

Luminaires use less energy than traditional luminaire sources to perform the same function, Typically low voltage sources produce 3 to 5 times the light output of their 120v counterparts and feature longer lamp life

Energy Emclent Pendant Collections	ı
Puget Sound	
Americana	
Brooklyn Restoration	
Leuchte	
Freedom	
■ MODERNISM™ Energy Efficient Fixtures	17
Zeitgeist	19
Tabula Rasa	
Avant Garde	
■ QUICK CONNECT™ Pendants	23
System Adapter	
Pendants and Fixtures Matrix	
Pendant Collections	
Agni	
Tropix	
Festiva	
Kaleidoscope.	
Venezia	
Diamond	
Artista	45
Bahnhof	
Reveal	
White	53
Rockport	55
Allure	57
Glacial	
Futura	63
Dazzle	65
South Pooch	67

■ QUICK CONNECT™ Fixtures	73
Fixtures	74
Lens And Shades	76
<b>■</b> QUICK CONNECT™ Canopies	77
Single	78
Multiple	
<b>■</b> SOLORAIL <sup>™</sup> Single Circuit Monorail System	81
QUICK CONNECT™ Adapter	83
Design Guidelines	84
Power Feeds and Remote Transformers	85
Surface Mount Transformers	86
Components	87
Order Guideline	
<b>■</b> DUORAIL™ Two Circuit Monorail System	89
QUICK CONNECT™ Adapter	91
Design Guidelines	92
Components	
Transformers and Power Feeds	94
FLEXRAIL1™ 120v Monorail System	95
Line Voltage Luminaires	97
Low Voltage Luminaires	99
QUICK CONNECT™ Adapter	
Pendant Options	
Design Guidelines	
Components	
■ BEAUTY SPOTS™	105
Canopies	
Optical Crystal Elements	
Counter Balance Chandeliers and Pendants	111
Chandeliers	113
Pendants	114
Decorative Wall Sconces	115
Decorative Wall Sconces	
Energy Efficient Wall Sconces	
Fixture Kits	127
Monorail Starter Kits	
Monorail Kits	
Pendant Kits	
Counter Balance Pendant Kits	
Wall Sconce Kits	

## CONTENTS

■ INVISILED™ Tape	135
Project Solutions Kit	. 137
Color Mixing Effects	. 138
Design Guidelines	. 139
Components	. 140
Cabinet and Niche Lighting	141
LEDme™ Button Lights	. 143
Miniature Recessed	. 145
Linear Cabinet Solutions And Components	. 147
Ledme Light Bars	. 151
Architectural Low Voltage Xenon Light Bars	. 153
Architectural Fluorescent Light Bars	. 155
Fluorescent Light Bars	. 157
Premium Line Voltage Xenon Light Bars	. 159
Line Voltage Xenon Light Bars	. 161
LINEAR™ Track And Cove	163
Design Guidelines	. 165
Applications	. 166
QUICK CONNECT™ Adapter	. 167
QUICK CONNECT™ Fixtures	. 168
Cove And General Lighting Fixtures	. 169
Miniature Directional Lighting Fixtures.	. 170
Track and Components	. 171
Transformers and Lamp Options	. 172
■ 120V Track System	173
Design Guidelines	. 175
Applications	
 LEDme™ Led Track Luminiares	
Caribe Bronze Track Luminaires	. 179
Rialto Bronze Track Luminaires.	. 181
Premium Low Voltage	. 183
Low Voltage	. 189
Lens Accessory Compatibility Chart	. 192
Color Lenses and Accessories	. 193
Commercial Energy Efficient	. 195
Premium Line Voltage	. 197
Line Voltage Track Luminaires	. 198
Pendant Options	. 203
QUICK CONNECT™ Adapter	. 205
Single Circuit 120v Track	. 206
Single Circuit 120v Track Components	. 207
Two Circuit 120v Track	. 210
Two Circuit 120v Track Components	211
Current Limiter	. 213

Recessed Downlights	215
Multiple Spots	
Low Voltage	217
Line Voltage	219
Metal Halide	221
Premium Low Voltage Downlights	
3" Die Cast Aluminum	223
4" Die Cast Aluminum	
Low Voltage Downlights	
3" Downlights	227
4" Downlights	
Lens Accessory Compatibility Chart	
	231
Premium Energy Efficient Downlights	222
6" Metal Halide	
5" Compact Fluorescent	
6" Compact Fluorescent	
8" Compact Fluorescent	23/
Energy Efficient Downlights	
4" Compact Fluorescent	
5" Compact Fluorescent	
6" Compact Fluorescent	244
Premium Line Voltage	
4" Downlights	246
5" Downlights	247
6" Downlights	249
6" Sloped Ceiling Downlights	253
Line Voltage	
4" Downlights	255
5" Downlights	258
6" Downlights	259
Design Guidelines	261
SURFACE MOUNT SPOTS	263
Low Voltage	264
Line Voltage	
Display Lighting	267
LEDme™ Showcase	269
Clamp Mount	
Directional	
Directional Components	
<b>■</b> Transformer	275
Electronic Transformers	277
Magnetic Transformers	
Lamp Performance	270
Alphabetical Index	
Model Number Index	201

# **ENERGY EFFICIENT PENDANTS**





## **FEATURES**

• Selection of many Energy Star qualified luminaires



- Exciting designs hand blown by artisans in the American Pacific Northwest
- Mounting hardware available in numerous designer finishes to coordinate with a variety of décors
- Includes a 96" braided fabric wire that may be shortened in the field
- Each model number indicates a complete unit (adapter, socket set, and shade) for each specific application for 120v Track, FLEXRAIL1, or Canopy Mount
- Five year warranty
- All glass pendants in this section offer sustainable choices

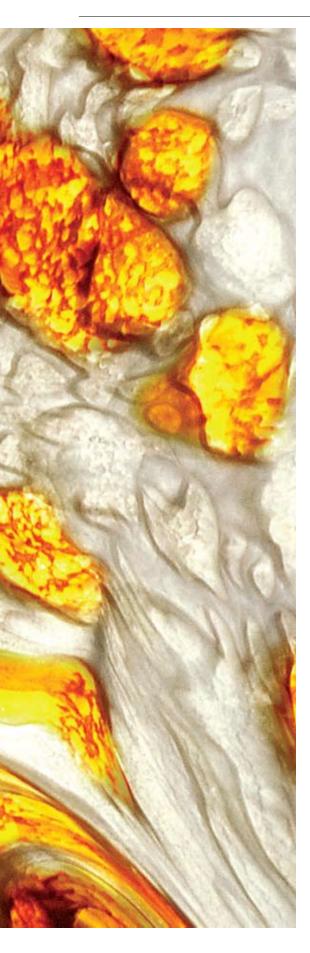


Most Sustainable Choice





## energy efficient pendants







Inspired by sandstone formations in the spectacular canyon in Nevada, our Red Rock pendant combines a classic shape with vivid Amber, Terra Cotta and Sunrise Yellow art glass colorations.

Mounting Options		Socket Set   Shade		Adapter Finish	
				F1	F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1			DB	PT
120v H	HTK		426 AM	DB	BN
Track L	LTK	F2		DB	BN
J/J2	JTK			DB	BN

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F1-426AM/AB (shade and socket set included)

Finish Key AM-Amber, AB-Antique Bronze, BN-Brushed Nickel, DB-Dark Bronze, GD vs. PT-Platinum

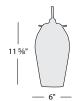


# PUGET SOUND COLLECTION





SOLSTICE





The solstices are connected to the seasons. The warm colors of Blues, Browns and Reds bring out the natural beauty of a midsummer sunrise combined with a brilliant dark blue night sky.

Mounting Optio	ns	Socket Set	Shade	Adapte F1	r Finish F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1	<b>—</b>		DB	PT
120v H	HTK	F2	423 PR	DB	BN
Track L	LTK	FZ		DB	BN
J/J2	JTK			DB	BN

Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F2-423PR/BN (shade and socket set included)

Finish Key  $\,$  AM-Amber, AB-Antique Bronze, BN-Brushed Nickel, DB-Dark Bronze,  $\,$   $_{6}$   $\!$  QL  $_{98}$  PR-Purple, PT-Platinum



## energy efficient pendants





Like the brilliant hues of a deciduous forest, natural colors shine through this hand blown art glass in dramatic fashion.

Mounting Optio	ns	Socket Set	Shade	Adapte F1	er Finish F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1			DB	PT
120v H Track L J/J2	HTK LTK JTK	F2	421 GR	DB DB DB	BN BN BN

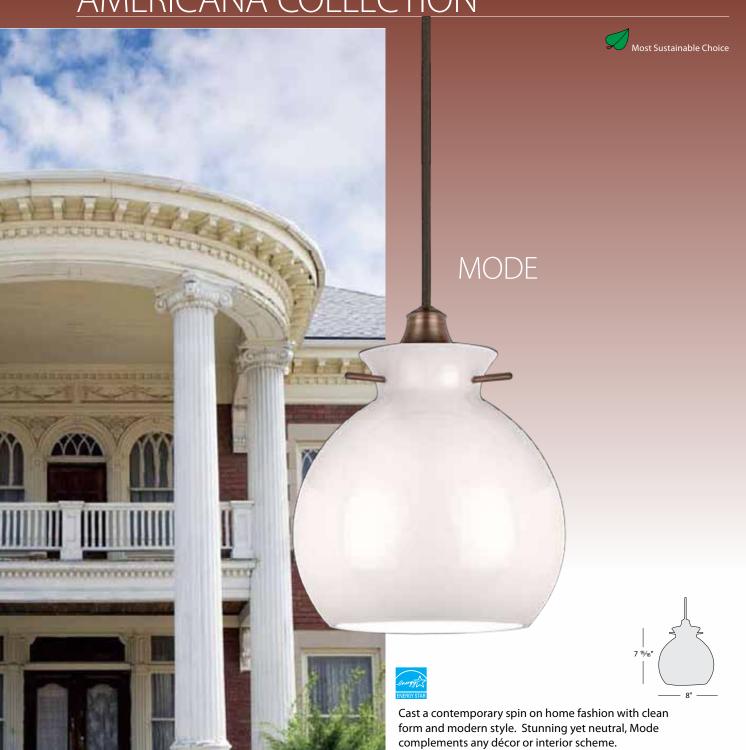
Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F2-421GR/BN (shade and socket set included)

Finish Key AB-Antique Bronze, BN-Brushed Nickel, DB-Dark Bronze,  $_{\rm c}$   $(_{\rm U})_{\rm us}$  GR-Green, PT-Platinum



# AMERICANA COLLECTION



Mounting Options		Socket Set Shade		Adapter Finish	
				F1	F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1	<b>.</b>		DB	PT
120v H	HTK		471 WT	DB	BN
Track L	LTK	F2		DB	BN
J/J2	JTK			DB	BN

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F1-471WT/AB (shade and socket set included)

Finish Key AB-Antique Bronze, BN-Brushed Nickel, DB-Dark Bronze,  ${}_{\mathbb{C}}$  PT-Platinum, WT-White





## energy efficient pendants







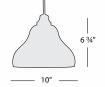
Celebrating tradition with a warm transitional look, Clinton illustrates the beautiful, graceful curves and contours that will enhance today's interiors.

Mounting Optio	ns	Socket Set	Shade	Adapte F1	r Finish F2
Canopy Mount	PLD HM1	F1		AB DB	BN
120v H Track L J/J2	HTK LTK JTK	F2	472 WT	DB DB DB	BN BN BN

Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F2-472WT/BN (shade and socket set included)





Borrowing character from classic styles, Franklin offers a clean, simple profile to complement a wide range of decorative themes.

Mounting Options		Socket Set	Shade	Adapte	r Finish
				F1	F2
Canopy N	Mount <b>PLD</b>	F1		AB	BN
FLEXRAIL	.1 <b>HM1</b>			DB	PT
120v H	нтк		486 WT	DB	BN
Track L	LTK	F2		DB	BN
J/	J2 JTK			DB	BN

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F1-486WT/AB (shade and socket set included)

Finish Key AB-Antique Bronze, BN-Brushed Nickel, DB-Dark Bronze, PT-Platinum, WT-White c 🕕 us





# BROOKLYN RESTORATION Most Sustainable Choice PARK SLOPE





Sandblasted to reveal an appealing texture, Park Slope offers a warm transitional form that will complement the subtle patterns and tones found in many eclectic interiors.

Mounting Options		ounting Options   Socket Set		Adapter Finish		
				F1	F2	
Canopy Mount	PLD	F1		AB	BN	
FLEXRAIL1	HM1			DB	PT	
120v H	нтк		488 WT	DB	BN	
Track L	LTK	F2	11. 12. 1	DB	BN	
J/J2	JTK			DB	BN	

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F1-488WT/AB (shade and socket set included)



The stunning Cobble Hill hand blown glass ceiling pendant displays a beautiful Amber glass reminiscent of a sunset over the sea.

Mounting Options		Socket Set	Shade	Adapte	er Finish
				F1	F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1	<b>—</b>		DB	PT
120v H	HTK		487 AM	DB	BN
Track L	LTK	F2		DB	BN
J/J2	JTK			DB	BN

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F1-487AM/AB (shade and socket set included)

Finish Key AB-Antique Bronze, AM-Amber, BN-Brushed Nickel, DB-Dark Bronze, PT-Platinum, WT-White



## energy efficient pendants





WILLIAMSBURG



A delicate floral motif hand cut on a hand blown art glass shade in pure natural White. Hand finished by skilled artisans, Carrol Gardens features a slender cylindrical profile in a tone on tone design.

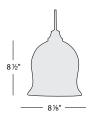
Mounting Optio	ns	Socket Set	Shade	Adapte F1	er Finish F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1			DB	PT
120v H	HTK		474 WT	DB	BN
Track L	LTK	F2		DB	BN
J/J2	JTK	411		DB	BN

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F2-474WT/BN (shade and socket set included)



— 3½" —



A hand blown cased glass shade in Ivory features a classic linen design with a level of quality that will accentuate nearly any décor.

<b>Mounting Option</b>	ns	Socket Set	Shade	Adapte	r Finish
				F1	F2
Canopy Mount	PLD	F1		AB	BN
FLEXRAIL1	HM1	<b>—</b>		DB	PT
120v H	HTK		483 IV	DB	BN
Track L	LTK	F2		DB	BN
J/J2	JTK			DB	BN

Lamp Accepts CFL GU24 lamp up to 26w 13w self ballasted lamp included (2700K) Consult WAC for other lamping options

Model shown PLD-F1-483IV/AB (shade and socket set included)

Finish Key AB-Antique Bronze, BN-Brushed Nickel, DB-Dark Bronze, IV-Ivory, PT-Platinum, WT-White UD III



## LEUCHTE COLLECTION



Like music to your ears, hand blown, etched cased glass pendants are perfect for medium to large spaces.

#### COMPACT FLUORESCENT

Mounting Options	Socket Set	Shade	Adapter Finish
Canopy Mount PLD	F3	451 AM 451 BL 451 WT	BK CH DB PT WT

Lamp Tri-Tube GX24q 26w/32w/42w. Order lamp separately

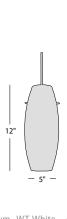
## INCANDESCENT

Mounting Optio	ns	Socket Set	Shade	Adapter Finish
Canopy Mount	PLD			BK BN WT
FLEXRAIL1	HM1	F4	451 AM	DB PT
120v H Track L	HTK LTK		451 BL 451 WT	BK BN WT BK BN WT
J/J2	JTK			BK BN WT

Lamp A or G30 100w max Order lamp separately

Example PLD-F3-451WT/CH (shade and socket set included)









## energy efficient pendants



#### COMPACT FLUORESCENT

Mounting Options	Socket Set	Shade	Adapter Finish
Canopy Mount PLD	F3	454 AM 454 WT	BK CH DB PT WT

Lamp Tri-Tube GX24q 26w/32w/42w. Order lamp separately

# 11 ¾" - 5 1/8" -

## **INCANDESCENT**

<b>Mounting Optio</b>	ns	Socket Set	Shade	Adapter Finish
Canopy Mount	PLD			BK BN WT
FLEXRAIL1	HM1	F4		DB PT
120v H	HTK		454 AM 454 WT	BK BN WT
Track L	LTK		434 W I	BK BN WT
J/J2	JTK			BK BN WT
		0 1 1		

Lamp A or G30 100w max Order lamp separately

Example PLD-F3-454AM/CH (shade and socket set included)

Finish Key AM-Amber, BN-Brushed Nickel, BK-Black, DB-Bark Bronze, CH-Chrome, PT-Platinum, WT-White





A charming beehive design, Felis marries energy efficient technology with modern aethetics for today's homeowner.

#### COMPACT FLUORESCENT

Mounting Options	Socket Set	Shade	Adapter Finish
Canopy Mount PLD	F3	404 BN 404 CO	BK CH DB PT WT

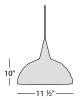
Lamp Tri-Tube GX24q 26w/32w/42w. Order lamp separately

## INCANDESCENT

Mounting Option	ns	Socket Set	Shade	Adapter Finish
Canopy Mount	PLD	Ea I		BK BN WT
FLEXRAIL1	HM1	F4	404 BN	DB PT
120v H	HTK		404 BN 404 CO	BK BN WT
Track L	LTK		101.00	BK BN WT
J/J2	JTK			BK BN WT
Lamp A or G 10	0w max (	Order lamp se	eparately	

Example PLD-F4-404BN/BN (shade and socket set included)

Finish Key BN-Brushed Nickel, BK-Black, CH-Chrome, CO-Copper DB-Bark Bronze, PT-Platinum, WT-White @ Usus







Vibrant contemporary round pendants in Amber, Red and Blue come alive with a shade within a shade design in hand blown cased glass.

#### COMPACT FLUORESCENT

Mounting Options	Socket Set	Shade	Adapter Finish
Canopy Mount PLD	F3	403 AM 403 BL 403 RD	BK CH DB PT WT

Lamp Tri-Tube GX24q 26w/32w/42w. Order lamp separately

#### **INCANDESCENT**

Mounting Option	ns	Socket Set	Shade	Adapter Finish
Canopy Mount	PLD			BK BN WT
FLEXRAIL1	HM1	F4	403 AM	DB PT
120v H	нтк		403 BL	BK BN WT
Track L	LTK		403 RD	BK BN WT
J/J2	JTK			BK BN WT

Lamp A or G 100w max Order lamp separately

Example PLD-F4-403BL/BK (shade and socket set included)

Inspired by the cold ice on an early winter morning, Frost depicts hand blown German glass in a stunning combination of Opal and Clear.

#### COMPACT FLUORESCENT

<b>Mounting Options</b>		Socket Set	Shade	Adapter Finish
Canopy Mount	PLD	F3	406 OC	BK CH DB PT WT

Tri-Tube GX24q 26w/32w/42w. Order lamp separately

## **INCANDESCENT**

Mounting Option	าร	Socket Set	Shade	Adapter Finish
Canopy Mount	PLD	F4 I		BK BN WT
FLEXRAIL1	HM1	F		DB PT
120v H	нтк		406 OC	BK BN WT
Track L	LTK			BK BN WT
J/J2	JTK			BK BN WT

Lamp A or G 100w max Order lamp separately

Model shown PLD-F4-406OC/WT (shade and socket set included)

Finish Key AM-Amber, BL-Blue, BN-Brushed Nickel, BK-Black, CH-Chrome, DB-Bark Bronze, OC-Opal Clear, PT-Platinum, RD-Red, WT-White



## FREEDOM COLLECTION



WAC LIGHTING. Responsible Lighting.

## line voltage incandescent



Light up an intimate setting and create a romantic ambiance with these stunning pendants. Hand blown in cased color frit glass shades.

#### COMPACT FLUORESCENT

Mounting Options	Socket Set	Shade	Adapter Finish
Canopy Mount PLD	F3	408 AM 408 WT	BK CH DB PT WT

Lamp Tri-Tube GX24q 26w/32w/42w. Order lamp separately

#### INCANDESCENT

<b>Mounting Optio</b>	ns	Socket Set	Shade	Adapter Finish
Canopy Mount	PLD			BK BN WT
FLEXRAIL1	HM1	F4	408 AM	DB PT
120v H	HTK		408 AM 408 WT	BK BN WT
Track L	LTK		700 W I	BK BN WT
J/J2	JTK			BK BN WT

Lamp A or G 100w max Order lamp separately

Example PLD-F3-408AM/BK (shade and socket set included)

Finish Key AM-Amber, BN-Brushed Nickel, BK-Black, CH-Chrome, DB-Bark Bronze, PT-Platinum, WT-White





## MODERNISM™ ENERGY EFFICIENT LUMINAIRES





## **FEATURES**

- Oversized thick opal glass for clean even illumination without hot spots
- · Complete family offering pendants, semi-flush mounts, flush mounts and wall sconces
- Pendants feature quick connection, ball bearing cable grips to ensure balance and easy adjustment
- Selection of many Energy Star qualified luminaires
- Five year warranty
- All Modernism<sup>™</sup> luminaires are sustainable options



Most Sustainable Choice

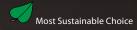


their environment, with the aid of scientific knowledge, technology and practical experimentation. Its essence is both progressive and optimistic.

12" TABULA RASA FLUSH MOUNTS

## zeitgeist

 ${\mathcal H}$ n expression derived from the German words for time (Zeit) and spirit (Geist), Zeitgeist was commonly used in the 1920's to refer to "the spirit of the age." Modern living was both progressive and optimistic, referring to everything from jazz to feminism to city life. Our Zeitgeist set of pendants, flush mounts, semi-flush mounts and sconces captures the same spirit of innovation in the use of form and sustainable technology.













## ZEITGEIST PENDANT (SHOWN IN APPLICATION

				45.	STATE AND ADDRESS OF THE PARTY	
Model	CFL Lamping *	Fir	Finish Dimensions			
		BN	СН	DIA	ОН	Н
OF-B14PF	2x 18W PL-T18W/4P			14"	10" -102 <sup>13</sup> /16"	5 5/8"
OF-B17PF	2x 26W PL-T26W/4P			17"	10" -102 1/16"	7 5/8"
OF-B20PF	2x 32W PL-T32W/4P			20"	10" -103 1/16"	8 "





#### **SEMI-FLUSH MOUNT**

Model	CFL Lamping *	Fir	nish	Dimensions		
		BN	CH	DIA	ОН	Н
OF-B14CF	2x 18W PL-T18W/4P			14"	11 7/16"	5 5/8"
OF-B17CF OF-B20CF	2x 26W PL-T26W/4P 2x 32W PL-T32W/4P			17" 20"	12 %" 14"	7



Model	CFL Lamping *	Fir	nish		Dimensions	
		BN	CH	Α	В	C
OF-B12WF	1x 16W F162DT4	•	•	12"	3 ¾"	9 3/16"

Lamps included (3000K)

All fixtures operate universally on all voltages from 120v through 277v \*Consult WAC for dimming options

Example OF-B17CF-CH

Finish Key BN-Brushed Nickel, CH-Chrome 600 000 000



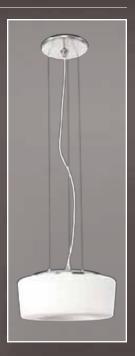


## tabula rasa



Most Sustainable Choice

The Latin words for "blank slate",







ОН

## **TABULA RASA**

D	EΝ	ın	м	M	п



Model	CFL Lamping *	Fir	nish	Dimensions		
		BN	CH	DIA	ОН	Н
OF-C14PF	2x 18W PL-T18W/4P	•	•	14"	10" -103 ¾"	5 ¼"
OF-C17PF	2x 26W PL-T26W/4P			17"	10" -104 ¼"	6 %16"
OF-C20PF	2x 32W PL-T32W/4P		•	20"	10" -105 5/16"	7 5⁄8"

#### **SEMI-FLUSH MOUNT (SHOWN IN APPLICATION)**



Model	CFL Lamping *	Fir	nish		ons	
		BN	CH	DIA	ОН	Н
OF-C14CF	2x 18W PL-T18W/4P	•	•	14"	11 3/16"	5 ¼"
OF-C17CF	2x 26W PL-T26W/4P			17"	11 5⁄8"	6 %16"
OF-C20CF	2x 32W PL-T32W/4P			20"	12 11/16"	7 5/8"

## FLUSH MOUNT/SCONCE

Model	CFL Lamping *	Fir	nish		Dimensions	
188		BN	CH	Α	В	C
OF-C12WF	1x 16W F162DT4	•	1.//	12"	3 ¾"	9 3/16"

Lamps included (3000K)

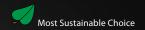
All fixtures operate universally on all voltages from 120v through 277v \*Consult WAC for dimming options

Example OF-C12WF-CH

Finish Key BN-Brushed Nickel, CH-Chrome 6 Ul) us















## **AVANT GARDE**





· Enditit (Showith in it in Endition)							
Model	CFL Lamping *	Fir	nish	Dimensions			
	LULK TELL	BN	CH	DIA	ОН	Н	
OF-A14PF	2x 18W PL-T18W/4P			14"	10" -102 7/16"	5 ¼"	
OF-A17PF	2x 18W PL-T18W/4P	•	•	17"	10 <b>"</b> -102 7⁄16"	4 13/16"	
OF-A20PF	2x 26W PL-T26W/4P	•	•	20"	10" -103 %"	5 ¾"	



## SEMI-FLUSH MOUNT



Model	CFL Lamping *	Finish Dimensions		ons		
		BN	CH	DIA	ОН	Н
OF-A14CF	2x 18W PL-T18W/4P		•	14"	10 ¼"	5 ¼"
OF-A17CF	2x 18W PL-T18W/4P	•	•	17"	9 %"	4 <sup>13</sup> / <sub>16</sub> "
OF-A20CF	2x 26W PL-T26W/4P	•	•	20"	10 ¾"	5 ¾"



## FLUSH MOUNT/SCONCE

Model	CFL Lamping *	Fir	nish		Dimensi	ons
		BN	CH	Α	В	С
OF-A12WF	1x 16W F162DT4	•	•	12"	3 ¾"	9 3/16"

Lamps included (3000K)

All fixtures operate universally on all voltages from 120v through 277v \*Consult WAC for dimming options

Example OF-A14PF-BN

Finish Key BN-Brushed Nickel, CH-Chrome



## QUICK CONNECT™ PENDANTS AND FIXTURES





## QUICK CONNECT™ PENDANTS

Our QUICK CONNECT™ family of low voltage pendants encompasses hundreds of styles and colors of art glass from the world's finest glass makers. The QUICK CONNECT™ glass shades are suspended with a minimalist cable.

# QUICK CONNECT™ FIXTURES

Modern styles which are decorative yet functional, the QUICK CONNECT™ series of low voltage fixtures includes a selection of attractive styles and a variety of glass and metal shielding options. All QUICK CONNECT™ track head stems are available with standard lengths of 3″, 6″ and 12″ or can be further suspended with stem extensions up to 48″.

MAC Lighting's QUICK CONNECT™ (QC) collection of pendants and fixtures includes hundreds of products, featuring a wide array of hand blown glass designs and multiple mounting hardware options. The threaded male adapter used on QUICK CONNECT™ pendants and fixtures makes inter-system compatibility a snap. Simply insert the metal fitting into the appropriate system adapter and hand tighten the threaded collar and you are finished!

#### **SOLORAIL™ QC ADAPTER**

The LM-QADP adapter is the key component used to install QUICK CONNECT™ pendants and fixtures with SOLORAIL™. Order one LM-QADP for each QUICK CONNECT™ element to be used on the one-circuit monorail.



Model	Finish			
	BN	CH	DB	
LM-QADP	•	•	•	

Order one LM-QADP for each QUICK CONNECT™ element used on the SOLORAIL™

#### **DUORAIL™ QC ADAPTER**

The LM2-QADP adapter is the key component used to install QUICK CONNECT™ pendants and fixtures with DUORAIL™. Order one LM2-QADP for each QUICK CONNECT™ element to be used on the two-circuit monorail.



Model	Finish					
	BN	CH	DB			
LM2-QADP • •						
Order one LM2-QADP for each						

QUICK CONNECT™ element used on the DUORAIL™

#### **LINEAR™ QC ADAPTER**

The patented SADP adapter serves to easily install any of the QUICK CONNECT™ pendants or fixtures on low voltage LINEAR™ track. The adapter can be positioned anywhere along the length of track. Order one SADP for each QUICK CONNECT™ element.

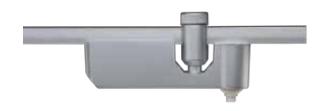


Model	Wattage	Finish	
		BK	WT
SADP	50w	•	•

Order one SADP for each QUICK CONNECT™ element used on LINEAR™ track

#### FLEXRAIL1™ QC ADAPTER

The low voltage adapter allows any transformer OUICK CONNECT™ pendant or OUICK CONNECT™ fixture to be used with the FLEXRAIL1™ line voltage monorail.



Model	Wattage	Finish		
		DB	PT	
HM1-EN50	50w	0	•	

Order one HM1-EN50 for each QUICK CONNECT™ element used on the FLEXRAIL1™ system

#### L,H, J/J2 - 120v TRACK QC ADAPTER

The adapter on the low voltage transformer accepts any QUICK CONNECT™ pendant or fixture to the L, H, J and J2 track systems.



Model	Wattage	Finish			
		BK	BN	DB	WT
EN-LQ50AR	50w	•	•	•	•
EN-HQ50AR	50w	•	•	•	•
EN-JQ50AR	50w	•	•	•	•

Order one track QUICK CONNECT™ adapter for each QUICK CONNECT™

#### **QUICK CONNECT™ CANOPIES**

QUICK CONNECT™ canopies have single or multiple QUICK CONNECT™ adapters for QC pendants and fixtures. Models are available with integral or remote transformers.

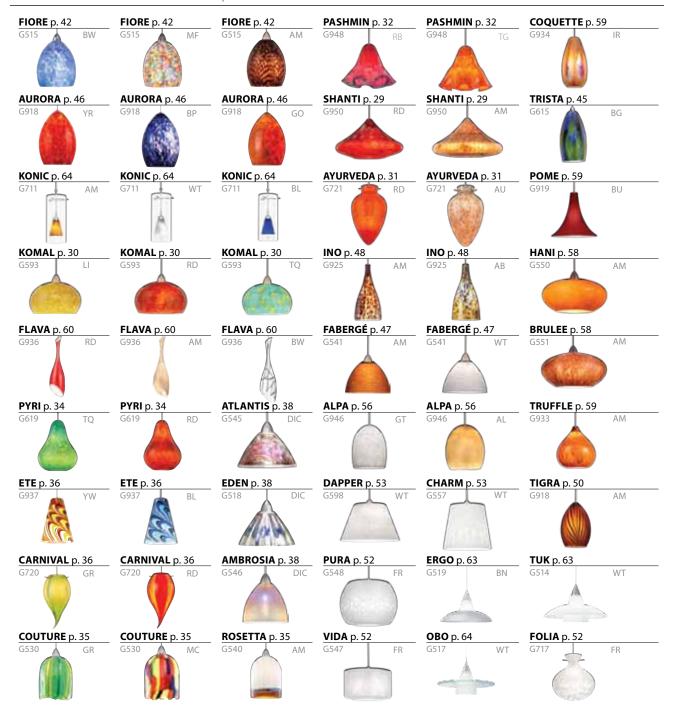


Canopies accept up to four QUICK CONNECT™ elements

Finish Key BK-Black, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, PT-Platinum, WT-White



## QUICK CONNECT™ pendants



## All QUICK CONNECT™ pendants and fixtures include threaded male adapter



## Order QUICK CONNECT adapter separately (see below)













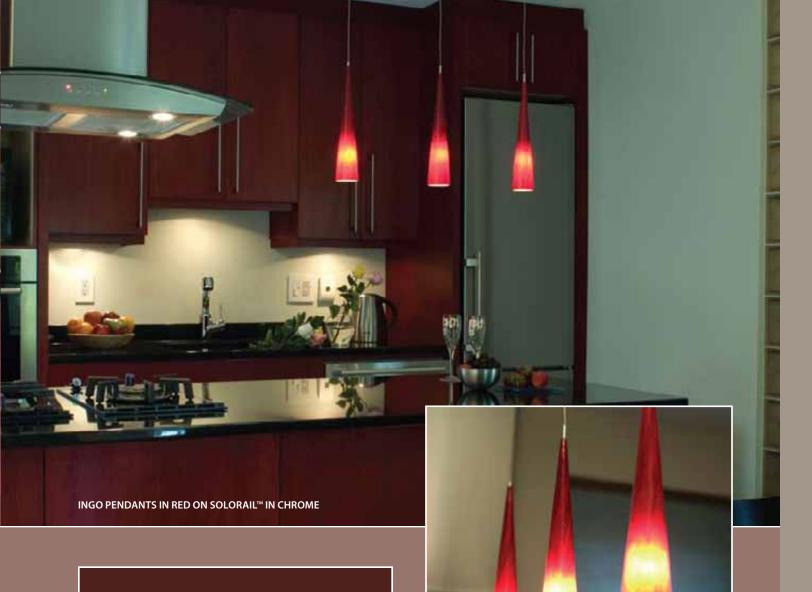
Socket sets and lamps included with all the pendants on these pages. To see how QUICK CONNECT pendants work on these systems please see page indicated for more details

## QUICK CONNECT™ pendants and fixtures



# QUICK CONNECT™ PENDANTS





## **FEATURES**

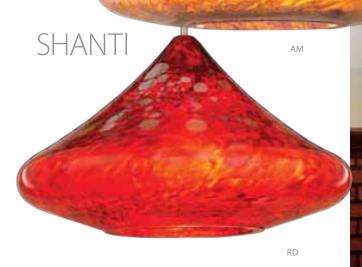
- The ultimate in simplicity and ease of use, QUICK CONNECT™ pendants can be used with WAC Lighting's SOLORAIL™, DUORAIL™, FLEXRAIL1™, 120v Track, LINEAR™ Track and QUICK CONNECT™ Canopies
- Ensures continuity of design throughout installation
- Versatile pendants incorporate Xenon and Halogen Bi-pin lamps for task, accent, ambient and decorative lighting applications
- Insert male adapter into receptacle and hand-tighten threaded collar, making both the electrical and mechanical connections
- Five year warranty
- Many sustainable options available





## AGNI COLLECTION

Step into another world with our
Agni collection which pays tribute to
the fiery rich colors, textures, shapes
and emotions of the Far Cast. Agni
originates from Sanskrit and refers to
heat, glowing fire and passion. The
soft gentle curves and breezy designs
compose the senses and bring tranquility
to the environment. This counterbalance
provides a harmonious flow and
continuous design for any backdrop.
The fervor of skilled artisans adds to the
intensity and creates unparalleled shapes
and designs. Do away with the ordinary
and let your mind escape to the exotic.



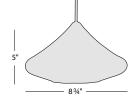
Color your world with hand blown glass pendants in stylish forms reminiscent of old world Indian designs. The hot art glass colors of Fiery Lava and Golden Amber create perfect harmony between intensity and serenity.

Model	Gla	ass	Socket Set			Lamp	
	AM	RD	BN	CH	DB	Xenon Bi-pin	Voltage
QP950	•	•	•	•	•	50w max	12v

Example **QP950-AM/BN** 

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

**Finish Key** AM-Amber, BN–Brushed Nickel, DB-Dark Bronze, CH–Chrome, RD-Red

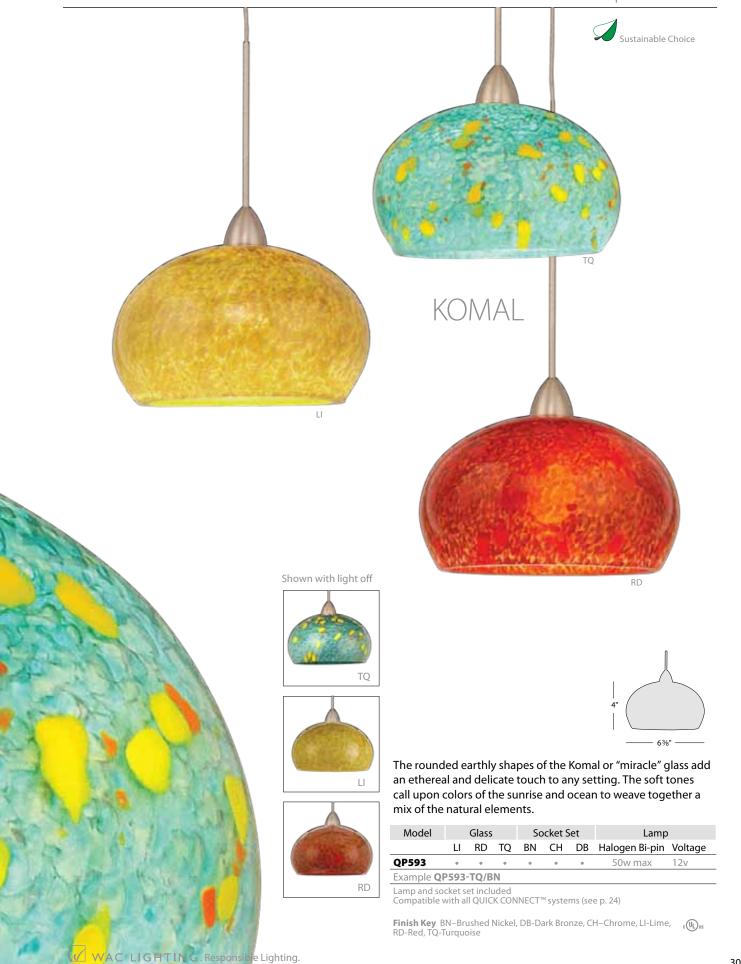




WAC LIGHTING. Responsible Lighting.

Sustainable Choice

## QUICK CONNECT™ pendants



# AGNI COLLECTION



AYURVEDA

world. Deviate from the conventional.

Model	Gla	ass	Socket Set			Lamp		
	AU RD BN CH DB					Xenon Bi-pin	Voltage	
QP721	•	•	•	•	•	50w max	12v	

Example QP721-AU/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key AU-Auburn, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, RD-Red







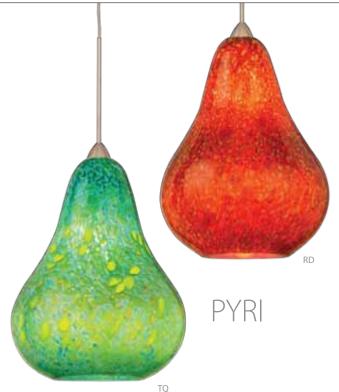


Whet your appetite with a delicious group of sweet, mouthwatering hand blown in glass candy colors to tempt your taste buds. Designed with the colors of fine tropical fruits.

Model		Glass				cket S	Set	Lamp		
	BL	GR	OR	PR	BN	CH	DB	Halogen Bi-pin	Voltage	
QP618	•	•	•	•	•	•	•	50w max	12v	
	00440									

Example QP618-BL/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)





Home fashion can be fun with pyriform pendants in Red and Turquoise art glass with natural striations and textures.

Model	Gla	ass	Socket Set			Lamp		
	RD	TQ	BN	CH	DB	Halogen Bi-pin	Voltage	
QP619	•	•	•	•	•	50w max	12v	

Example QP619-TQ/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

 $\begin{tabular}{ll} \textbf{Finish Key} & BL-Blue, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, & GR-Green, OR-Orange, PR-Purple, RD-Red, TQ-Turquoise \end{tabular}$ 





COUTURE PENDANTS IN GREEN ON SOLORAIL™ IN BRUSHED NICKEL

35



High style and home fashion come to light with our hand blown Venetian glass. Strips of gorgeous glass canes are hand cut and hand applied by highly skilled artisans from

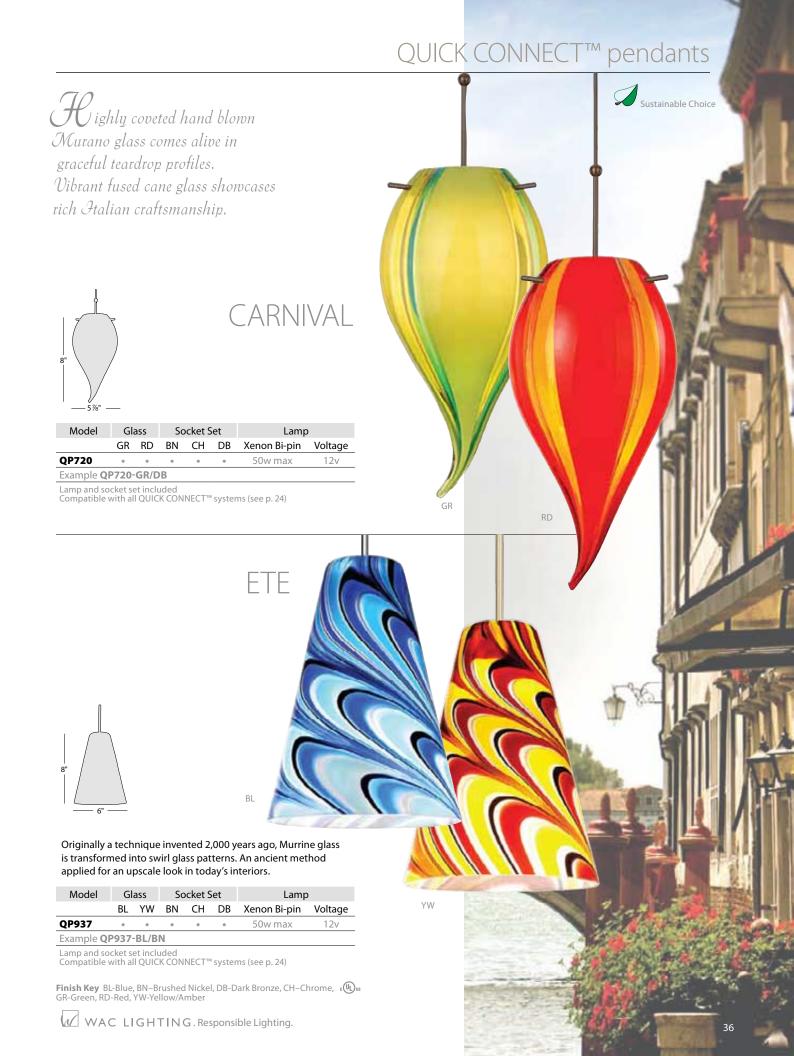
Model	GI	Glass		ocket S	Set	Lamp			
	GR	MC	BN	CH	DB	Halogen Bi-pin	Voltage		
QP530	•	•	•	•	•	50w max	12v		
Example QP530-MC/BN									

Bella Figura, Rosetta's fine Italian style combines a classic

Model	Glass	Sc	ocket S	t Set Lamp					
	AM	BN	CH	Voltage					
QP540	•	•	•	•	50w max	12v			

Finish Key AM-Amber, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, GR-Green, MC-Multicolor





## KALEIDOSCOPE COLLECTION





pectacular, elegant dichroic glass pendants are diamonds in the rough. Our shades feature a unique iridescent technique resulting in a bubble effect on multiple layers of dichroic glass.

### **AMBROSIA**

Model	Glass	Sc	cket S	Set	Lamp	
	DIC	BN	CH	DB	Halogen Bi-pin	Voltage
QP546	•	•	•	•	50w max	12v
Modelcho	UD OBEAS	DIC/P	NI			

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)



#### **EDEN**

QP518	•	•	•	•	50w max	12v	
	DIC	BN	CH	DB	Halogen Bi-pin	Voltage	
Model	Glass	Sc	cket S	Set	Lamp		

Model shown QP518-DIC/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)



#### **ATLANTIS**

Model	Glass	Sc	cket S	Set	Lamp	
	DIC	BN	CH	DB	Halogen Bi-pin	Voltage
QP545	•	•	•	•	50w max	12v
A.A. I. I. I.	00-4-	DIGIG				

Model shown QP545-DIC/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key DIC-Dichroic, BN-Brushed Nickel, DB-Dark Bronze,







From Caribbean Blue Greens to Volcanic Reds, add decorative interest over your bar or light up a retail display with these graceful floral designs.

Model	Glass			Sc	cket S	et	Lamp		
	BG	MF	YR	BN	CH	DB	Halogen Bi-pin	Voltage	
QP614	•	50w max	12v						
Example QP614-YR/CH									

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BG-Blue/Green, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome,  ${}^{\rm o}$   ${}^{\rm th}$   ${}^{\rm us}$  MF-Millefiori, YW-Yellow/Red

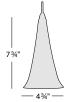




Model	Glass		Sc	cket S	Set	Lamp			
	BG	BR	WA	BN	CH	DB	Halogen Bi-pin	Voltage	
QP617	•	•	•	•	•	•	50w max	12v	
Evample O	Evample OP617-RG/CH								

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BG-Blue/Green, BR-Blue/Red, BN-Brushed Nickel, DB-Dark Bronze, cH-Chrome, MF-Millefiori, WA-White/Acorn





# QUICK CONNECT™ pendants Sustainable Choice



WAC LIGHTING. Responsible Lighting.

Hand blown in multicolored, glossy finished shades, Fiore will captivate with timeless elegance and stunning originality.

AM

FIORE

BW MF AM BN CH DB Halogen Bi-pin		Lamp		Socket Set			Glass		Model
00-11	Voltage	Halogen Bi-pin	DB	CH	BN	AM	MF	BW	
<b>QP515</b> • • • • 50w max	12v	50w max	•	•	•	•	•	•	QP515

Finish Key  $\,$  AM-Amber, BW-Blue/White, BN-Brushed Nickel, DB-Dark Bronze,  $\,$   $_{0}$  (II)  $_{0}$  to CH-Chrome, MF-Millefiori





Sustainable Choice



PRISMA



CARINA

Optical crystals are transformed into a variety of shapes and styles to deploy a broad range of exciting lighting effects for residential, retail and hospitality displays.

### PRISMA

Model	Glass	Sc	cket S	Set	Lamp		
	CL	BN	CH	DB	Xenon Bi-pin	Voltage	
QP940	•	•	•	•	50w max	12v	

Model shown QP940-CL/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

#### CARINA

Model	Glass	Sc	cket S	Set	Lamp		
	CL	BN	CH	DB	Xenon Bi-pin	Voltage	
QP931	•	•	•	•	50w max	12v	
Model show	vn OD031.	CL/CL					

Model shown QP931-CL/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

#### **POLARIS**

Model	Glass	Sc	cket S	Set	Lamp		
	CL	BN	CH	DB	Xenon Bi-pin	Voltage	
QP930	•	•	•	•	50w max	12v	

Model shown QP930-CL/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

#### **PYXIS**

Model	Glass	Sc	cket S	Set	Lamp		
	CL	BN	CH	DB	Xenon Bi-pin	Voltage	
QP932	•	•	•	•	50w max	12v	
		01.701					

Model shown QP932-CL/CH

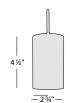
Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, CL-Clear (U) us











**POLARIS** 



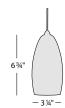








TRISTA



	Glass	30	ocket S	et	Lamp		
	BG	BN	CH	DB	Halogen Bi-pin	Voltage	
QP615	•	•	•	•	50w max	12v	

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BG-Blue/Green, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome (U) us















Aurora will illuminate your space with unprecedented style and panache.

Model	Glass		Sc	cket S	et	Lamp		
	BP	GO	YR	BN	CH	DB	Xenon Bi-pin	Voltage
QP918	•	•	•	•	•	•	50w max	12v

Lamp and socket set included
Compatible with all QUICK CONNECT™ systems (see p. 24)

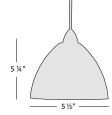




Neutral Amber and White colorations, combined with a classic profile, offer pendants for contemporary, traditional or transitional spaces.

Model	Gl	Glass		cket S	Set	Lamp	
	AM	WT	BN	CH	DB	Halogen Bi-pin	Voltage
QP541	•	•	•	•	•	50w max	12v
Example (	QP541-	AM/E	3N				

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)



Finish Key AM-Amber, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, wT-White





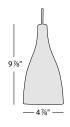


blown art glass pendants in an elongated form. Highlighted with exquisitely colored frits, Ino makes a dramatic, bold design statement.

Model	Glass		Sc	cket S	Set	Lamp		
	AB	AM	BN	CH	DB	Xenon Bi-pin	Voltage	
QP925	•	•	•	•	•	50w max	12v	
Example QP925-AB/BN								

Lamp and socket set included
Compatible with all QUICK CONNECT™ systems (see p. 24)











C (P) US

WAC LIGHTING. Responsible Lighting.

Finish Key BN–Brushed Nickel, DB-Dark Bronze, OC-Opal Cut, CF-Clear/Frosted, CH–Chrome, OE-Opal Etched, RD-Red

### REVEAL COLLECTION



By masking the pattern on clear glass, the pendants are then etched by hand for an elegant look.





Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, FR-Frosted classification of the control of the contro



### DAPPER

Elegant and charming, these hand blown cased glass pendants are etched by hand.

### CHARM

Model	Glass	Socket Set			Lamp		
	WT	BN	CH	DB	Halogen Bi-pin	Voltage	
QP557	•	•	•	•	50w max	12v	

Model shown QP557-WT/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

### DAPPER

Model	Glass	Socket Set			Lamp		
	WT	BN	CH	DB	Halogen Bi-pin	Voltage	
QP598	•	•	•	•	50w max	12v	



Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, WT-White cUpus





WAC LIGHTING. Responsible Lighting.





 ${\mathcal J}$ deal for illuminating a



**ETHER** 



Designed with hand-etched swirls like an ice skater's trail on a frozen lake, these blown glass shades are handcrafted by fine artisans in Germany.



### ETHER

Model	Glass	Socket Set			Lamp		
	OE	BN	CH	DB	Halogen Bi-pin	Voltage	
QP521	•	•	•	•	50w max	12v	

Model shown QP521-OE/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)



#### CAELUM

QP520	•	•	•	•	50w max	12v	
	OE	BN	CH	DB	Halogen Bi-pin	Voltage	
Model	Glass	Socket Set			Lamp		

Model shown QP520-OE/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

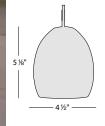








Complement the beautiful, natural look of today's countertops with handsome, hand polished Alabaster and Granite shades crafted of natural stone,



WAC LIGHTING. Responsible Lighting.

Model	Glass		Socket Set			Lamp		
	AL	GT	BN	CH	DB	Xenon Bi-pin	Voltage	
QP946	•	•	•	•	•	50w max	12v	

Example QP946-AL/BN

. Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key  $\,$  AL-Alabaster, BN–Brushed Nickel, DB-Dark Bronze,  $\,$   $_{c}$  (II)  $_{us}$  CH-Chrome, GT-Granite





# QUICK CONNECT™ pendants HANI TIGRA Cased glass shades are designed with inner White Opal, in unique orb designs with Glossy Caramel art glass. Sealed with bubbles at the seams for an elegant look. HANI Model Glass Socket Set Lamp BRULEE AM BN CH DB Halogen Bi-pin Voltage **QP550** Model shown QP550-AM/DB Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Striking like Black stripes on the Golden coat of a wild Bengal tiger, Tigra roars with excitement and drama.

### **TIGRA**

Model	Glass	Socket Set			Lamp		
	AM	BN CH DB		Xenon Bi-pin	Voltage		
QP918	•	•	•	•	50w max	12v	

Model shown QP918-AM/BN

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

A winter frost texture is featured on the exterior with inner White Opal with an array of Amber and Russet shades.

### BRULEE

Model	Glass	Socket Set			Lamp		
	AM	BN CH DB		DB	Halogen Bi-pin	Voltage	
QP551	•	•	•	•	50w max	12v	

Model shown QP551-AM/DB

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key AM-Amber, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome







# GLACIAL COLLECTION



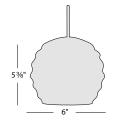
stinctive miniature pendants crafted with Frosted or Clear hand blown glass shades from Northern Europe.



CLARITY



FR



Model	Glass		Sc	cket S	Set	Lamp			
	CL	FR	BN	CH	DB	Xenon Bi-pin Voltag			
QP916				•	•	50w max	12v		

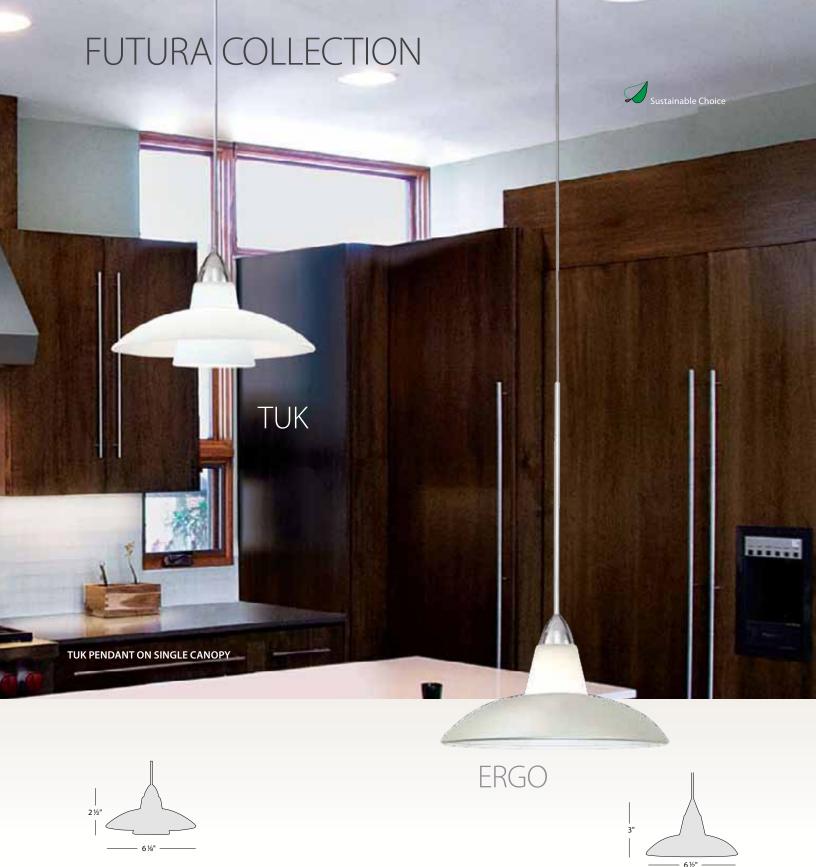
Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, CL-Clear, cllus FR-Frosted









TUK

Model	Glass	Socket Set			Lamp		
	WT	BN CH DB		DB	Halogen Bi-pin	Voltage	
QP514	•	•	•	•	50w max	12v	

Model shown QP514-WT/CH

Lamp and socket set included
Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, WT-White



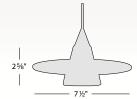
### ERGO

Model	Shade	Socket Set			Lamp		
	BN	BN	CH	DB	Halogen Bi-pin	Voltage	
QP519	•	•	•	•	50w max	12v	

Model shown QP519-BN/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)





ОВО

Model	Glass	Socket Set			Lamp		
	WT	BN CH DB Halogen Bi-		Halogen Bi-pin	Voltage		
QP517	•	•	•	•	50w max	12v	

Model shown QP517-WT/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

An imaginative look is the product of this hand blown glass cylinder surrounding a cased glass cone. A unique, pendant in a pendant approach.

Model	Glass			Sc	cket S	et	Lamp		
	AM	BL	WT	BN	CH	DB	Xenon Bi-pin Volta		
QP711	•	•	•	•	•	•	50w max	12v	

Example QP711-BL/CH

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

Finish Key AM-Amber, BL-Blue, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, WT-White



# DAZZLE COLLECTION





Model	Glass					Socket Set			Lamp	
	AY	CB	CL	GL	TQ	BN	CH	DB	MR16 Bi-pin	Voltage
QP912	•	•	•	•	•	•	•	•	50w max	12v

Example QP912-AY/CH

Lamp and socket set included
Compatible with all QUICK CONNECT™ systems (see p. 24)

 $\textbf{Finish Key} \ \text{AY-Amethyst}, \ \text{BN-Brushed Nickel}, \ \text{DB-Dark Bronze}, \ \text{CB-Cobalt Blue}, \ \text{CL-Clear}, \quad {}_{\textbf{c}} \textcircled{\text{$\mathbb{H}$}}_{\textbf{US}}$  CH-Chrome, GL-Gold, TQ-Turquoise



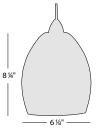


Warm soft colors and an elegant simple design make Sarah the perfect choice of pendants for so many different applications.

Model	Glass			Socket Set			Lamp		
	AM	LB	TQ	WT	BN	CH	DB	Halogen Bi-pin Volta	
QP524	•	•	•	•	•	•	•	50w max	12v
Example OP524-TO/BN									

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

**Finish Key** AM-Amber, BN–Brushed Nickel, DB-Dark Bronze, CH-Chrome, LB-Light Blue, TQ-Turquiose, WT-White







The colorful designer look of hand blown, cased glass pendants etched in an assortment of candy colors.

Model	Glass			Socket Set			Lamp			
	AM	BL	GR	RD	WT	BN	CH	DB	Halogen Bi-pin	Voltage
<b>QP512</b> • • • • • • 50w max 12v							12v			
Example QP512-AM/BN										

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)

 $\textbf{Finish Key} \ \text{AM-Amber, BL-Blue, BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome, GR-Green,} \quad {}_{0} \\ \\ \text{MD-Red, WT-White} \\$ 



## QUICK CONNECT™ pendants



Model	Glass			Socket Set			Lamp		
	AM	BL	RD	WT	BN	CH	DB	Halogen Bi-pin Voltag	
QP611	•	•	•	•	•	•	•	50w max	12v

Example QP611-AM/CH

WAC LIGHTING. Responsible Lighting.

Lamp and socket set included Compatible with all QUICK CONNECT™ systems (see p. 24)



## SOUTH BEACH COLLECTION



## QUICK CONNECT™ pendants



## QUICK CONNECT™ FIXTURES





Order lamp separately. See page 24 for system adapter options. \* Accepts up to two lenses. See page 193-194 for Lens Options Fixture extensions with male and female adapters are available to drop fixtures up to an additional 48 inches see page 76



## QUICK CONNECT™ fixtures

#### Sustainable Choice MINT **KOGEL ROLLS** QF-181X3-BN with G112-WT QF-184X3-BN with G119-BL QF-190X3-BN with G114-RD **EGO ADEO TWIST** QF-194X3-BN with G115-BN QF-195X3-BN with G113-BL QF-197-BN with G111-AM 12" max extension Model Extension (H) Finish Lamp X12 (12") CHDB MR16G / Xenon Bi-Pin MINT QF-181 50w max KOGEL QF-184 50w max **ROLLS** QF-190 50w max EGO QF-194 50w max ADEO QF-195 50w max **TWIST** QF-197 50w max

Order lamp separately. See next page for lens compatibility and glass options
Fixture extensions with male and female adapters are available to drop fixtures up to an additional 48 inches see page 76



## QUICK CONNECT™ fixture lens and shade options

#### LENS COMPATIBILITY order lenses separately

FIXTURE	COLORED LENS	COLORED DICHROIC LENS	UV FILTER LENS	FROSTED LENS	HONEYCOMB LOUVER (glass lensed lamp required)	SPREAD LENS	BEAM ELONGATING LENS	LENS CLIP REQUIRED
QF-181								
QF-182								
QF-183								
QF-184								
QF-185	•	•	•	•	•	•	•	
QF-190								
QF-191	•	•	•	•	•	•	•	•
*QF-194	•	•	•	•	•	•	•	•
QF-195								
QF-196	•	•	•	•	•	•	•	•
QF-197								
QF-199								

#### See page 193-194 for description of lens accessories

**GLASS AND SHIELD OPTIONS** order separately



Model		Dimensions
G115 SERIES		2 ¼"W x 1 ¾"H
Mesh bulb shield		
СН	BN	DB
Model		Dimensions
G116 SERIES		21/4"W x 1 3/4"H
Solid metal shield		
CH	BN	DB
Model		Dimensions
Model G119 SERIES		Dimensions 2 ½"W x 15%"H
1110000	blown cased gl	2 ½"W x 1 5/8"H
G119 SERIES	blown cased gl	2 ½"W x 1 5/8"H
G119 SERIES	blown cased gl	2 ½"W x 1 5/8"H
G119 SERIES Acid etched hand		2 ½"W x 1%"H ass bell WT
G119 SERIES Acid etched hand	BL  FIXTURE EX  Q-X18	2 ½"W x 1%"H ass bell WT
G119 SERIES Acid etched hand	BL  FIXTURE EX  Q-X18 Q-X24	2 ½"W x 1 ½"H  ass bell  WT  TENSIONS  18" 24"
G119 SERIES Acid etched hand	BL  FIXTURE EX  Q-X18 Q-X24 Q-X36	2 ½"W x 1 ½"H  ass bell  WT  TENSIONS  18" 24" 36"
G119 SERIES Acid etched hand	BL  FIXTURE EX  Q-X18 Q-X24 Q-X36 Q-X48	2 ½"W x 1 ½"H  ass bell  WT  TENSIONS  18" 24" 36" 48"
G119 SERIES Acid etched hand	BL  FIXTURE EX  Q-X18 Q-X24 Q-X36 Q-X48 Finish	2 ½"W x 1 ½"H  ass bell  WT  TENSIONS  18" 24" 36"

Finish Key AM-Amber, BL-Blue, BN- Brushed Nickel, CH-Chrome, DB- Dark Bronze, GR-Green, PE-Peach, RD-Red, WT-White

WT

RD

GR

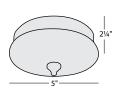
BL

<sup>\*</sup>when used with G115 and G116 series shade.

## QUICK CONNECT™ CANOPIES







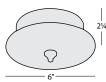


#### SURFACE MOUNT CANOPY (METAL)

Model		Finish				
	BN	CH	DB			
QMP-M1RN	•	•	•			
Output: 12v / 60w						
AA LIGI OMB MAA						

Model Shown QMP-M1RN-BN

Mounts to a standard 4" junction box Integral electronic transformer

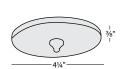




#### SURFACE MOUNT CANOPY (GLASS)

Model	Fin	ish			
	BN	CH			
QMP-G1RN	•	•			
Output: 12v / 60w					
Model Shown OMP-G1RN-RN					

Mounts to a standard 4" junction box Integral electronic transformer





#### SURFACE MOUNT CANOPY (METAL)

Model Finish						
	BN	CH	DB			
QMP-M1RN-TR • • •						
Model Shown QMP-M1RN-TR-CH						

Order remote transformer separately See page 277-278 for remote transformers Mounts to a standard 4" junction box





#### MINI CANOPY (METAL)

Model	Finish			
	BN	CH	DB	
QMP-MI	•	•	•	
Model Shown QMP-MI-DB				

Order remote transformer separately See page 277-278 for remote transformers Includes the small integral wiring compartment behind the canopy (2 3/8" high) that recesses in a ceiling or other surface

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome 6 Us

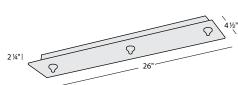




## QUICK CONNECT™ canopies





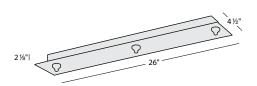


#### SURFACE MOUNT CANOPY (GLASS)

Model	Fin	ish
	BN	CH
QMP-G3RE	•	•
Output: 3 X 12v / 60w		
Model Shown QMP-G3RE-BN		
Integral electronic transformers		

Each QUICK CONNECT™ adapter has a separate transformer to ensure independent operation



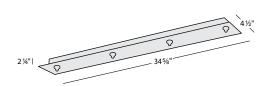


#### SURFACE MOUNT CANOPY (METAL)

	,		
Model		Finish	
	BN	CH	DB
QMP-M3RE	•	•	•
Output: 3 X 12v / 60w			
Model Shown QMP-M3RE-DB			
1			

Integral electronic transformers Each QUICK CONNECT™ adapter has a separate transformer to ensure independent operation





#### SURFACE MOUNT CANOPY (GLASS)

Finish				
BN	CH			
•	•			
Model Shown QMP-G4RE-BN				

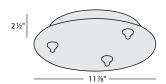
Integral electronic transformers Each QUICK CONNECT™ adapter has a separate transformer to ensure independent operation

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome c Usus







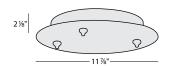




#### SURFACE MOUNT CANOPY (GLASS)

Model	Model Finis	
	BN	CH
QMP-G3RN	•	•
Output: 3 X 12v / 60w		
Model Shown OMP-G3RN-BN		

Integral electronic transformers Each QUICK CONNECT™ adapter has a separate transformer to ensure independent operation

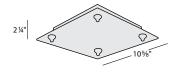




#### SURFACE MOUNT CANOPY (METAL)

Model		Finish	
	BN	CH	DB
QMP-M3RN • •		•	
Output: 3 X 12v / 60w			
Model Shown QMP-M3RN-DB			

Integral electronic transformers Each QUICK CONNECT™ adapter has a separate transformer to ensure independent operation





#### CLIDEACE MOUNT CANODY (CLASS)

Model	Fin	Finish	
	BN	CH	
QMP-G4SQ	•	•	
Output: 4 X 12v / 60w			
Madal Chause OMD CACO DN			

Model Shown QMP-G4SQ-BN

Integral electronic transformers Each QUICK CONNECT™ adapter has a separate transformer to ensure independent operation

Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome





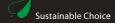
## SOLORAIL™ SINGLE CIRCUIT MONORAIL SYSTEM





#### **FEATURES**

- Thinnest monorail in the industry; just ½ inch tall and ¾ inch wide
- Compatible with hundreds of QUICK CONNECT™ pendants and fixtures
- Maximum load capacity of 300 watts at 12 volts and 600 watts at 24 volts
- Available in Brushed Nickel, Chrome and Dark Bronze finishes
- Monorail can easily be shaped in the field
- Five year warranty
- For ease of installation, most connections can be made with a Philips screwdriver. Two sizes of allen keys are included for smaller connection joints
- Many sustainable options available





## SOLORAIL™ QUICK CONNECT™ adapter

WAC Lighting's QUICK CONNECT™ collection of pendants and fixtures includes hundreds of products, featuring a wide array of hand blown glass designs and multiple mounting hardware options.

The threaded male adapter used on QUICK CONNECT™ fixtures makes inter-system compatibility a snap.

Simply insert the metal fitting into the appropriate system adapter and hand tighten the threaded collar and you are done!

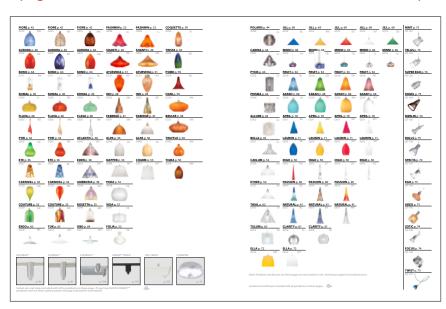
#### Order one LM-QADP for each QUICK CONNECT™ element



Finish Key BN-Brushed Nickel, CH-Chrome, DB- Dark Bronze



#### See pages 25-26 for all QUICK CONNECT™ Pendant and Fixture options

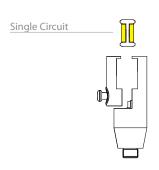


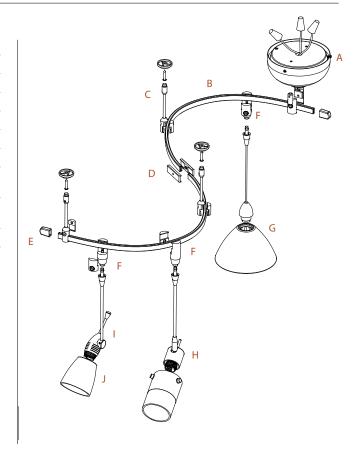
## SOLORAIL™ design guidelines

TOTAL THE WATTAGE REQUIRED PER RUN	At 12v, 300w is the maximum draw allowable. At 24v, 600w is the maximum draw allowable. Exceeding the maximum draw allowable will overload the system. If monorail run length is longer that 16 feet consult voltage drop chart for run length considerations.
SELECT A TRANSFORMER	Surface Mount – Electronic 150w or 250w small, quiet, well suited for smaller runs.  Magnetic High wattage capacity, heavy duty.  Remote Mount – Magnetic Transformers have larger capacities and minimize voltage drop if located within 10 feet of power feed. Use 10 AWG wire minimum.
LAYING OUT THE SOLORAIL™ DESIGN	Use rope, chalk or string on floor level, or a scale drawing with string to estimate monorail needs. Broad curves work best (12" minimum radius). When working with curves, we recommend ordering up to 25% more monorail than estimated to compensate for in-field design adjustments during installation. The monorail should pass under or near a junction box.
SELECTING A POWER FEED	Power feeds are available with surface mount transformers or with slim-profile canopies that mount to a J-box for remote transformer installations.
MOUNTING	Determine the ceiling type. Select standoffs that match the height of the power feed component Use a minimum of three supports for an 8 foot section and two for a 4 foot section
JOINING MONORAIL SECTIONS	"I" connectors can be either conductive or non-conductive. Non-conductive "I"-connectors may be used to electrically separate two runs without any visible separation to the design. It also allows you to connect long runs mechanically without electrical continuity. This allows you to add additional circuits that can accommodate additional load requirements. Other available connectors include an X-connector, L-connector, T-connector, Ceiling-to-Wall connector, and a Variable Angle connector. These may be used to achieve a variety of distinctive designs.
QUICK CONNECT™ ELEMENTS	QUICK CONNECT™ Fixtures and Pendants allow for an extensive selection of glass and metal elements to complement the SOLORAIL™ design. Each QUICK CONNECT™ element requires an LM-QADP adapter.
TIPS	Monorails are supplied with matching end caps
	System may be dimmed with a dimmer appropriate for the transformer type, ie: electronic or magnetic
	Custom length suspensions are possible by the use of cables or suspension rods
	Sloped ceilings use cable power feed wires
	Shaping monorail before mounting on the ceiling allows you to determine the best location for standoffs
	Hand bending of small curves is acceptable, while larger and more intricate curves should be done with the bending machine (HM1-BM)
	The dead "I"-Connector is a useful part, using this part allows you to connect long runs together of more than 300w, 12v systems or 600w, 24v systems
	Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. <b>Call 800.526.2588</b>

## SOLORAIL™ sample layout

Α	LM-EN12-150E	Electronic transformer
В	LM-T8	Monorail section
C	LM-X4	Standoff (matches transformer height)
D	LM-I	"I" connector
Е	LM-EC	End cap (2 supplied with every track)
F	LM-QADP	QUICK CONNECT™ adapter
G	QP-518	QUICK CONNECT™ pendant socket and Glass shade
Н	QF-182	QUICK CONNECT™ fixture with shade included
1	QF-194	QUICK CONNECT™ fixture
J	G114	Glass shade





## SOLORAIL<sup>™</sup> power feeds and remote transformers

#### Used with Remote Transformers

# 7

#### SINGLE POWER FEED

LM-CPC	4 ½"Ø	
Finish	BN, CH, DB	
25A max Use with 3" standard standoff (LM-X3)		



#### WALL POWER FEED

LM-WPC	4 ½″Ø
Finish	BN, CH, DB

25A max Feeds power to the end point of the monorail (order separately)



#### **DUAL POWER FEED**

LM-DCPC	5 %ӯ
Finish	BN, CH, DB

Two 25A max power feeds. Order with dead end "I" connector. Use with 3" standard standoff (LM-X3).



#### SLOPED CEILING FEED

LM-SCP48	48"
LM-SCP96	96"
Finish	BN, CH, DB

25A max For use with a surface mounted transformer installed on a sloped ceiling. Use at any angle, can be easily shortened. Includes two LM-RI couplers.



#### **CABLE POWER FEED**

LM-PCS48	48"×4½"Ø
LM-PCS96	96"×4½"Ø
Timinh.	DN CH DD

25A max For use on sloped ceilings with remote transformers.

#### Remote Magnetic Transformers

WATTAGE	MODEL	BREAKERS	DIMENSIONS
	12 Volts		
300w	SRT-300M-12V	1	8¾"×4¼"×3¾"
600w	SRT-600M-12V	2	9½"×6¼"×4¾"
600w	SRT-600M2-12V*	2	9½"×6¼"×4¾"
1000w	SRT-1000M-12V	4	10½"×6¼"×55%"
	24 Volts		
300w	SRT-300M-24V	1	8¾"×4¼"×3¾"
600w	SRT-600M-24V	1	9½"×6¼"×4¾"
1000w	SRT-1000M-24V	2	10½"×6¼"×55%"

\* Separate input leads for separate switching



300w





600w 1000w

#### **VOLTAGE DROP GUIDELINES** (based on 10 gauge wire)

Remote Transformers	Max monorail run length	Max distance to power feed
SRT-300M-12V	40'	10 ft
SRT-600M-12V	2 × 40'	10 ft
SRT-600M2-12V	2 × 40'	10 ft
SRT-1000M-12V	4 × 40'	10 ft
SRT-300M-24V	40'	10 ft
SRT-600M-24V	40'	10 ft
SRT-1000M-24V	2×40'	10 ft

Ensure 12v is supplied at power feeds with the use of multi tap output terminals in the magnetic transformer

Note: On a full load, voltage drop can cause a system to exceed the 25A rating (W / V = I). Guidelines are general to assist with layouts only. During installations of a 12v system, ensure that a minimum of 12v is supplied at power feeds. 10AWG wire should be used with remote transformers. Multi tap output terminals in the remote magnetic transformers can help to compensate for voltage drop before the powerfeed. With the use of a multimeter, verify that no less than 11v is found at the end of the SOLORAIL™ run and no more 25A is being drawn from the powerfeed



#### WALL MOUNT POWER FEED

LM-OWP	
Finish	BN, CH, DB

Can be mounted up to 24" from wall. Supported by aircraft cables, accommodates any QUICK CONNECT™ element. Wall mounting is for use with remote transformers. Use two LM-OW per 4 ft., three per 8 ft.



#### WALL MOUNT BRACKET

#### LM-OW

Finish	DNI CH DD
Finish	BN, CH, DB

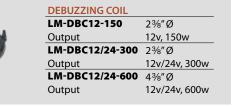
Wall extenders allow the SOLORAIL™ to be mounted up to 24" from the wall





#### **VOLTAGE DROP GUIDELINES**

Surface Mount Transformers	Maximum monorail run length
LM-EN12-150M	40'
LM-EN12-150E	20'
LM-EN12-250E	16'
LM-EN12-300M	40'
LM-EN12-600M	2×40'
LM-EN24-300M	50'
LM-EN24-600M	50'



## SOLORAIL™ surface mount transformers

#### Integrated Transformer and Power Feeds



#### **ELECTRONIC TRANSFORMER**

LM-EN12-150E	5"Ø
Output	12v, 150w
Finish	BN, CH, DB
Use with 4½" (LM-X4) standard standoff	



#### **ELECTRONIC TRANSFORMER**

LM-EN12-250E	6"Ø
Output	12v, 250w
Finish	BN, CH, DB
Use with 4½" (LM-X4) standard standoff	



#### **MAGNETIC TRANSFORMER**

LM-EN12-150M	7%"Ø
Output	12v, 150w
Finish	BN, CH, DB
Use with 5¾" (LM-X5) standard standoff	



#### 12V MAGNETIC TRANSFORMER

LM-EN12-300M	9″Ø
Output	12v, 300w
24V MAGNETIC TR	ANSFORMER
LM-EN24-300M	9"Ø
Output	24v, 300w

Output 24v, 300w
Finish BN, CH, DB
Use with 5 %"(LM-X5) standard standoff



### MAGNETIC TRANSFORMER DUAL TAP

 LM-EN12-600M
 10½"∅

 Output
 12v, 2 × 300w

 Finish
 BN, CH, DB

Use with 5¾" (LM-X5) standard standoff



#### MAGNETIC TRANSFORMER

LM-EN24-600M	10½″Ø
Output	24v, 600w
Finish	BN, CH, DB
Use with 5¾" (LM-X5) standard standoff	



## SOLORAIL<sup>™</sup> components



#### **MONORAIL SECTION**

LM-T4	4′
LM-T8	8′
Finish	BN, CH, DB

Two end caps included



#### **BENDING MACHINE**

#### HM1-BM

Used to make smooth, consistent bends. For small radius bends. Clamps onto work benches or flat surfaces up to 2" max



#### **END CAP**

LM-EC	
Finish	BN, CH, DB
Caps open ends of monorail sections	



#### "T" CONNECTOR

LM-T	5%"×15%"×15%"
Finish	BN, CH, DB
Connects two sections of a monorail in a "T" with electrical continuity	



#### **T-BAR CEILING STANDOFF**

LM-TB3	3"
LM-TB4	4½"
LM-TB5	5¾"
Finish	BN, CH, DB
Concoals a T Par clip under the	

canopy for standard 1" T-Bar ceilings



#### **VARIABLE ANGLE CONNECTOR**

LM-VA	1¼"×3½"×1"Ø	
Finish	BN, CH, DB	
The Variable Angle Connector allows an angle adjustment up to 110°		

with electrical continuity at the connection



#### STANDARD CEILING STANDOFF

LM-X3 LM-X4	3" × 1¼"Ø 4½"× 1¼"Ø
LM-X5	5¾"×1¼"Ø
Finish	BN, CH, DB
_	

Supports monorail for flat ceilings and surfaces



#### "I" DEAD-END CONNECTOR

LM-IDEC	5/8" × 2"	
Finish	BN, CH, DB	
Connects two sections of monorail without electrical continuity		



#### **SLOPED CEILING STANDOFF**

LM-XS5	$5\%'' \times 1\%'' \emptyset$	
Finish	BN, CH, DB	
Supports monorail for sloped ceiling		

Accommodates angles up to 45°

**AIRCRAFT CABLE SUSPENSION** 

12"

24"

36"

48"

Use with standoffs and power feeds. Use two per circuit with rod couplers to extend power feeds. Field cut to size and join with rod couplers.

BN, CH, DB

Supports monorail for flat or sloped ceilings

**EXTENSION ROD** LM-R12

48"×2½"Ø

 $96" \times 2\%" \emptyset$ BN, CH, DB

LM-CS48

LM-CS96

LM-R24

LM-R36

LM-R48

Finish



#### "I" CONNECTOR

LM-I	5/8" × 2"	
Finish	BN, CH, DB	
Connects two sections of monorail with electrical continuity		



#### "X" DEAD-END CONNECTOR

LM-XDEC	5/8" × 2" × 2"		
Finish	BN, CH, DB		
Joins four monorails in an "X" without electrical continuity			



L CONNECTOR		
LM-L	%"×1½"×1½"	
Finish	BN, CH, DB	
90° monorail connection with		



#### "I" CONNECTOR

LM-L	%"×1½"×1½"	
Finish	BN, CH, DB	
90° monorail connection with electrical continuity		



#### **CEILING TO WALL CONNECTOR**

LM-CW	5%"×1%"×1%"	
Finish	BN, CH, DB	
90° monorail connection in a vertical		

plane with electrical continuity



#### **EXTENSION ROD COUPLER**

LM-RI	%″Ø×%″H	
Finish	BN, CH ,DB	
Use two per power feed, four per		

dual power feed, one additional coupler per rod needed when joining two rods in excess of 48"







LM-JS	%"×8¾" (6"Wire)
Finish	BN, CH, DB

Flexible connection of two monorails with electrical continuity





#### STEP 1) DETERMINE HOW MANY FEET OF MONORAIL NEEDED

• Total length for a CIRCLE

Monorail length= 6.28 x (radius) =

Example: radius = 3'. Total track run =  $6.28 \times 3 = 18.84$ '



• Total length for a HALF CIRCLE

Monorail length =  $3.14 \times (radius) =$ 

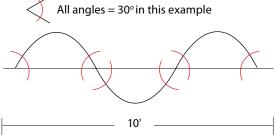
Example: radius = 3'. Total track run =  $3.14 \times 3 = 9.42'$ 



• Total length for a BEND CURVE RUN

Degree	Length of Ceiling	x	Ratio	Amount of track you need
30°	10		1.1	11
45°			1.2	
60°			1.3	
90°			1.6	

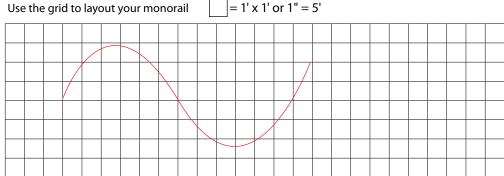
Above sample shows length of ceiling =  $10 \times 1.1$  (30 degrees bend) = 11'



Length of Ceiling

• Total length for a IRREGULAR SHAPE RUN

Use the grid to layout your monorail



Example: Count the number of squares the line passes through, in this case you need min 17' of monorail or measure by ruler: 1 inch = 5' In this case the monorail is approximately  $4'' = 3.5 \times 5 = 17.5'$  of monorail you need

#### STEP 2) DETERMINE STANDOFFS AND CONNECTORS (SEE PREVIOUS PAGE)

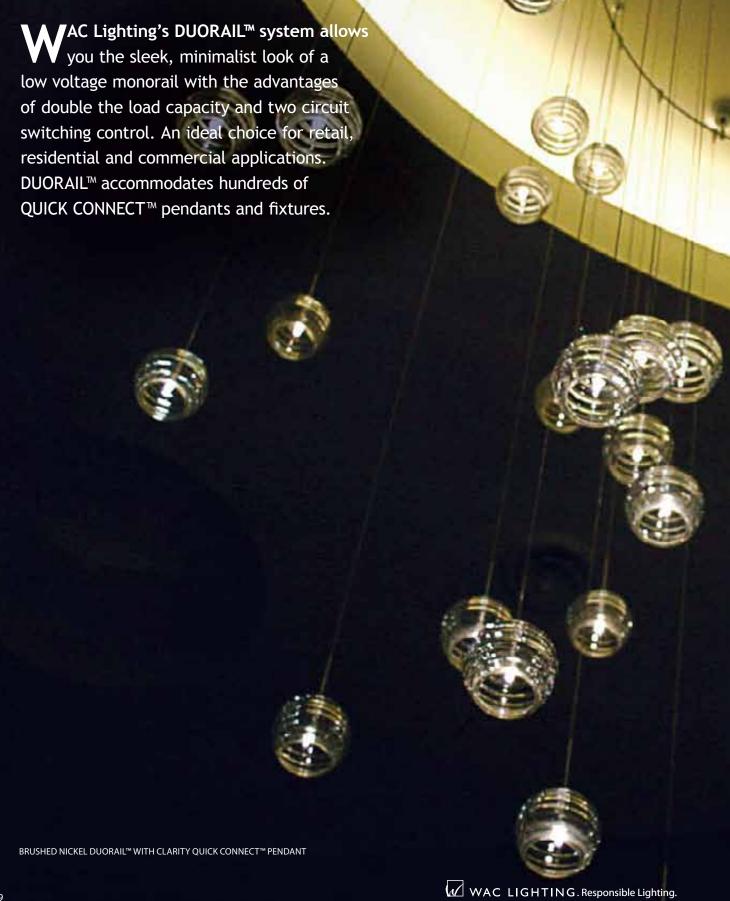
Track	Qty	Standoff	Connectors
8 ft track		x3 =	
4 ft track		x2 =	
	Total:	Total:	Total: ( Total qty of monorail) - 1 =

Please place additional standoffs close to rail connectors and tight curves, to ensure a secure installation

#### **ASSISTANCE IS ONLY A PHONE CALL AWAY**

Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. Call 800.526.2588

## DUORAIL™ TWO CIRCUIT MONORAIL SYSTEM





#### **FEATURES**

- Thinnest two circuit low voltage system in the industry; just ¾ inch tall and ½ inch wide. Electroplated solid copper conductors ensure reliable conductivity
- Compatible with our complete collection of QUICK CONNECT™ pendants and fixtures
- Maximum load carrying capacity of 600w at 12v and 1200w at 24v, with the ability to individually control each circuit
- · Available in Dark Bronze, Brushed Nickel and Chrome finishes
- Two circuit monorail can be shaped easily in the field by hand or with a bending machine
- Five year warranty
- Many sustainable options available





## DUORAIL™ QUICK CONNECT™ adapter

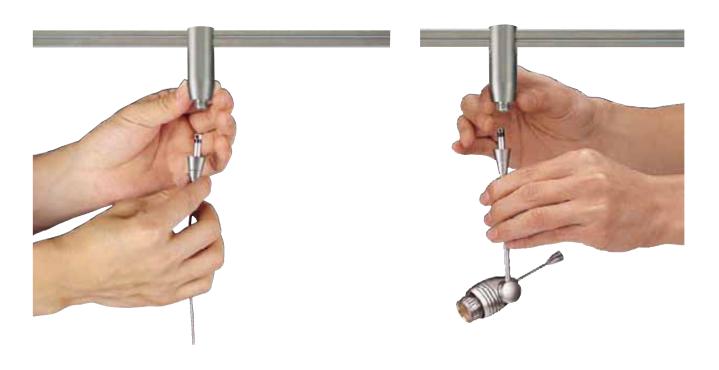
WAC Lighting's QUICK CONNECT™ collection of pendants and fixtures features hundreds of products, including a wide array of hand blown glass designs and multiple mounting hardware options.

The threaded male adapter used on QUICK CONNECT™ fixtures makes inter-system compatibility a snap. Simply insert the metal fitting into the appropriate system adapter and hand tighten the threaded collar and you are done!

#### Order one LM2-QADP for each QUICK CONNECT™ element



Finish Key BN-Brushed Nickel, CH-Chrome, DB-Dark Bronze



#### See pages 25-26 for all QUICK CONNECT™ Pendant and Fixture options

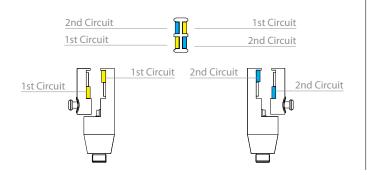


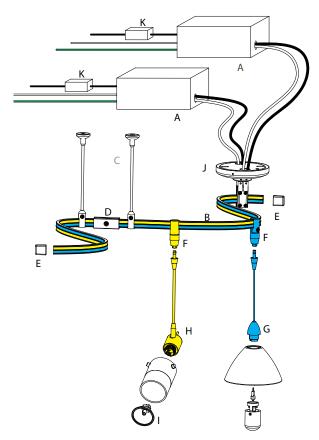
## DUORAIL™ design guidelines

TOTAL THE WATTAGE	DUORAIL™ is a 25A rated system per circuit for a total of 50A. At 12v, 300w is the maximum draw allowable for
REQUIRED PER RUN	each circuit, 600w total for both. At 24v, 600w is the maximum draw allowable, 1200w total. If run length is longer that 16 foot, consult voltage drop chart for run length considerations.
SELECT A TRANSFORMER	Magnetic transformers have built in de-buzzing coils and "push to reset" circuit breakers. Surface mount transformers for DUORAIL™ may be switched separately or together. With remote power feeds, select one or two transformers. Certain transformers have two primary inputs for separate switching on each circuit. Locate transformer within 10 foot of the junction box to avoid voltage drop. Use 10 AWG wire minimum for secondary side connections. See SOLORAIL™ for guidance on Voltage Drop Guidelines
LAYING OUT THE DUORAIL™ DESIGN	Use rope, chalk or string on floor level, or a scale drawing with string to estimate monorail needs. Broad curves work best, 12" minimum radius. When working with curves, we recommend ordering up to 25% more monorail than estimated to compensate for in-field design adjustments during installation. The monorail should pass under or near a junction box.
SELECTING A POWER FEED	Power feeds are included with surface mount transformers For remote transformers the single power feed includes four wires for 2 circuits
MOUNTING	Determine the ceiling type. Select standoffs that match the height of the power feed component.  Use a minimum of three supports for an 8 ft section and a minimum of two supports for a 4 ft section.
JOINING MONORAIL SECTIONS	"I" connectors can be either conductive or non conductive. Non-conductive "I"-connectors may be used to electrically separate two runs without any visible separation to the design. It also allows you to connect long runs mechanically without electrical continuity. This allows you to add additional circuits that can accommodate additional load requirements. Other available connectors include an X-connector, L-connector, T-connector and a Variable Angle connector. These may be used to achieve a variety of distinctive designs.
QUICK CONNECT™ ELEMENTS	QUICK CONNECT™ Fixtures and Pendants allow for an extensive selection of glass and metal elements to complement the DUORAIL™ design. Each QUICK CONNECT™ element requires an LM2-QADP adapter.
TIPS	System may be dimmed together or separately. Recommend use of a dimmer appropriate for the transformer
	Custom length suspensions are possible by the use of cables or suspension rods
	Shaping monorail before mounting on the ceiling allows you to determine the best location for standoffs
	Hand bending of small curves is acceptable, while larger and more intricate curves should be done with the bending machine (HM1-BM)
	The dead "I"-Connector is a useful component. Using this component allows you to connect long runs together of more than 300w for 12v systems or 600w for 24v systems
	Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. <b>Call 800.526.2588</b>

## DUORAIL™ sample layout

Α	SRT-300M-12V	One circuit magnetic transformer
В	LM2-T8	DUORAIL™
C	LM2-X8	Standoff (matches transformer height)
D	LM2-I	"I" connector
Е	LM2-EC	End cap (2 supplied with every track)
F	LM2-QADP	QUICK CONNECT™ adapter
G	QP-518	QUICK CONNECT™ pendant socket set and glass shade
Н	QF-182	QUICK CONNECT™ fixture with shade included
Ι	MR16-EXN	Multifunction reflector lamp (40° spread)
J	LM2-CPC	Two circuit power feed
K		Dimmer





## DUORAIL™ components



#### **2 CIRCUIT MONORAIL SECTIONS**

LM2-T4	4'	
LM2-T8	8'	
Finish	BN, CH, DB	
The second second to all oils of		

Two end caps included



#### **BENDING MACHINE**

Used to make smooth, consistent bends. For small radius bends. Clamps onto work benches or flat surfaces up



#### **END CAP**

LM2-TB\*

LM2-EC	
Finish	BN, CH, DB
Cans onen ends of	monorail sections



BN, CH, DB Conceals a T-Bar clip under the canopy for standard 1" T-Bar ceilings

8 1/16"



#### "T" CONNECTOR

LM2-T	
Finish	BN, CH, DB
Dims.	1½6"×11½6"×11½6"

Connects two sections of two circuit monorail with electrical continuity



#### STANDARD CEILING STANDOFF

LM2-X3	3" ×1¼"Ø
LM2-X'	5 3/4" × 1¼" Ø
LM2-X*	8 1/16" × 1¼"Ø
Finish	BN, CH, DB
Supports two circuit monorail for flat	

ceilings and surfaces



#### **VARIABLE ANGLE CONNECTOR**

LW2-VA	
Finish	BN, CH, DB
Dims.	2"×4 %6"×1%6" Ø

The Variable Angle Connector allows an angle adjustment up to 110° with electrical continuity at the connection



#### **SLOPED CEILING STANDOFF**

LM2-XS5	5¾"×1¼"Ø
Finish	BN, CH, DB
Supports two circuit monorail for	

sloped ceiling Accommodates angles up to 45°



#### "I" DEAD-END CONNECTOR

LM2-IDEC	
Finish	BN, CH, DB
Dims.	3/4" × 21/4"

Connects two sections of two circuit monorail without electrical continuity



#### **EXTENSION ROD**

LM-R12	18"
LM-R24	24"
LM-R36	36"
LM-R48	48"
Finish	BN, CH, DB

Extends the length of a standoff. Use four per circuit with Extension Rod Couplers to extend power feeds



#### "I" CONNECTOR

LM2-I	
Finish	BN, CH, DB
Dims.	3/4" × 23/16"

Connects two sections of two circuit monorail with electrical continuity



#### **EXTENSION ROD COUPLER**

EXTENSION NOD COOL EEN				
LM-RI	5"			
Finish	BN, CH, DB			
Dims.	3⁄8" Ø × 7⁄8"			

Use four per power feed, one additional coupler per rod needed when joining two rods in excess of 48"



#### "X" DEAD-END CONNECTOR

LM2-XDEC	
Finish	BN, CH, DB
Dims.	15/16"×1 15/16"×1 15/16"

Joins four, two circuit monorails in an "X" without electrical continuity

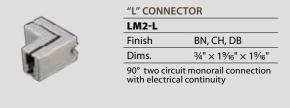


#### ALDCDAFT CADLE CLICDENCION

AIRCRAFT CABLE SUSPENSION							
LM2-CS48 48"							
LM2-CS96 96"							
Finish	BN, CH, DB	Ī					
Canopy	2 ½"Ø						
May be used to replace standoffs							







## DUORAIL™ transformers and power feeds

#### Integrated Transformer and Power Feeds



### SURFACE MOUNT MAGNETIC TRANSFORMER

TRANSFORMER						
LM2-EN12-500M						
Finish	BN, CH, DB					
Wattage	500W, 2 × 250W					
Voltage	12v					
Dims.	8¼" H × 10 ¼" Ø					
Use with standard standoff (LM2-X8) Separate input leads for separate switching						



### SURFACE MOUNT MAGNETIC TRANSFORMER

LM2-EN12-300M						
Finish BN, CH, DB						
Wattage	300W, 2 × 150W					
Voltage	12v					
Dims.	8¼" H × 9" Ø					
Use with standard standoff (LM2-X8)						

#### **VOLTAGE DROP GUIDELINES**

VOLIMAL DITOL GOIDELINES	
Surface Mount Transformers	Max monorail run length
LM2-EN12-300M	40'
LM2-EN12-500M	2 × 40'

#### Remote Transformers

WATTAGE	MODEL	BREAKERS	DIMENSIONS
	12 Volts		
300	SRT-300M-12V	1	8¾"×4¼"×3¾"
600	SRT-600M-12V	2	9½"×6¼"×4¾"
600	SRT-600M2-12V*	2	9½"×6¼"×4¾"
1000	SRT-1000M-12V	4	10½"×6¼"×55%"
	24 Volts		
300	SRT-300M-24V	1	8¾"×4¼"×3¾"
600	SRT-600M-24V	1	9½"×6¼"×4¾
1000	SRT-1000M-24V	2	10½"×6¼"×55%"





1000w

**VOLTAGE DROP GUIDELINES** (based on 10 gauge wire)

Remote Transformers	Max monorail run length	Max distance to power feed
SRT-300M-12V	40'	10 ft
SRT-600M-12V	2 × 40'	10 ft
SRT-600M2-12V	2 × 40'	10 ft
SRT-1000M-12V	4 × 40'	10 ft
SRT-300M-24V	40'	10 ft
SRT-600M-24V	40'	10 ft
SRT-1000M-24V	2×40'	10 ft

Ensure 12v is supplied at power feeds with the use of multi tap output terminals in the magnetic transformer

#### Remote PowerFeeds



#### 2 CIRCUIT POWER FEED

LM2-CPC	
Finish	BN, CH, DB
Dims.	4 ½" Ø × 3 ½" H

Feeds two 25A max circuits Use with standard standoff (LM2-X3) Remote power feed



#### FOUR CIRCUIT POWER FEED

1 O O II CIII COII I O II EII I EED					
LM2-DCPC					
Finish	BN, CH, DB				
Dims.	5 %" Ø × 3 ½" H				
Feeds four 25A max circuits Use with standard standoff (LM2-X3) Remote power feed					



#### SLOPED CEILING POWER FEED

DEG! ED CEIEIRG I OWER! EED						
LM2-SCP48	48"					
LM2-SCP96	96"					
Finish	BN, CH, DB					

Designed for use with a surface mounted transformer installed on any sloped ceiling. Can be shortened in the field. Includes four LM-RI couplers. Feeds four 25A max circuits.







C	A	В	L	E	P	0	W	Æ	R	F	E	E	D	

LM2-PCS48	48"
LM2-PCS96	96"
Finish	BN, CH, DB
Dims.	4 ½" Ø
Feeds two 25A m	nax circuits

Feeds two 25A max circuit: For use on sloped ceilings Remote power feed



## FLEXRAIL1™ 120V MONORAIL SYSTEM





COUTUR

#### **FEATURES**

- Offers slender profile and is easy to assemble
- Challenging ceilings are turned into dramatic scenes with a variety of mounting options
- Bends easily in the field to create eye catching three dimensional configurations
- Can be field cut, joined and independently powered to create systems of various sizes
- · Perfect for functional lighting solutions and transitional decorative styles
- Creates graceful curves to negotiate corners on ceilings
- All 120v monorail mechanical connections are made within connectors that also serve as standoff for a fluid uninterrupted profile
- Offered in handsome Dark Bronze and Platinum finishes
- Five year warranty
- Many sustainable options available

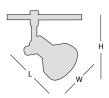


Most Sustainable Choice

### FLEXRAIL1™



- Built in hot aiming adjustment
- Patented tool free locking mechanism for precise aiming



Model	Finish		Lamp		imensi	ons	
	DB PT			L	W	Н	
HM1-720	•	•	PAR20 50w max	4½"	3¼"	75/8"	
HM1-730	•	•	PAR30 75w max	5"	41/2"	81/8"	
HM1-738	•	•	PAR38 150w max	6½"	5½"	91/4"	
Order lamp separately							

Model shown HM1-730-PT

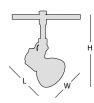




Model	Finish		Lamp		Dimensio		
	DB	PT		L	W	Н	
HM1-783	•	•	PAR20 50w max	5"	3½"	8"	
HM1-784	•	•	PAR30 75w max	51/4"	41/8"	83/8"	
HM1-785	•	•	PAR38 150w max	7"	53/8"	9¼"	
Order lamp separately							

Model shown HM1-785-DB





Model	Finish		Lamp	Dimensio		ons
	DB	PT		L	W	Н
HM1-773	•	•	PAR20 50w max	53/8"	31/8"	75/8"
HM1-774	•	•	PAR30 75w max	63/8"	43/8"	8¾"
HM1-775	•	•	PAR38 150w max	6%"	53/8"	93/8"

Order lamp separately

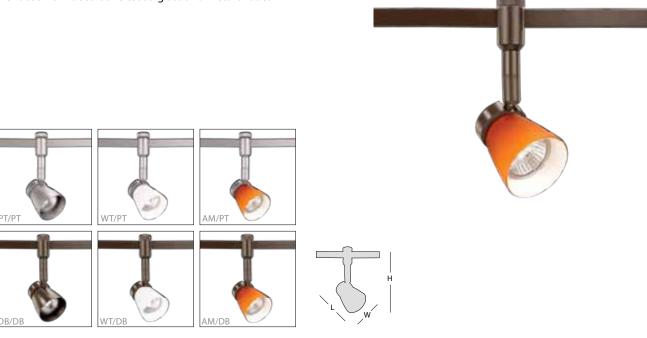
Model shown HM1-774-PT

Finish Key DB-Dark Bronze, PT-Platinum cOlus



## line voltage luminaires

• Choose from decorative cased glass and metal shades



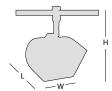
Model		Fini	Lamp	Din	nensio	ns				
	AM/DB	AM/PT	DB/DB	PT/PT	WT/DB	WT/PT	GU10 *	L	W	Н
HM1-101	•	•	•	•	•	•	50w max	31/8"	25/8"	71/4"

\*GU10 based line voltage MR16 lamp included

Model shown HM1-101-AM/DB

- High output quartz lamp fixture
- Ideal for wall wash applications
- Vertical louver controls glare





Model	Finish		Nodel Finish Lamp		Dimensions			
	DB	PT	J-150-S	L	W	Н		
HM1-150	•	•	150w max	35/6"	5"	75/6"		

Lamp included. Black louver included.

Model shown HM1-150-DB

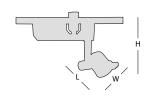


## FLEXRAIL1™ low voltage luminaires





- Built in hot aiming adjustment
- · Patented tool free locking mechanism for precise aiming
- · Fully enclosed backing prevents light leaks
- · Multiple lens options



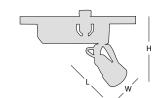
Model	Finish		Lamp	Di	mensic	ns
	DB	PT	MR16	L	W	Н
HM1-846	•	•	50w max	25/8"	53/8"	63/8"
HM1-846L	•	•	75w max	25/8"	53/8"	63/8"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown HM1-846L-DB

· Multiple lens options





Model	Finish		Lamp	Dir	mensio	ns
	DB	PT	MR16	L	W	Н
HM1-849	•	•	50w max	3½″	2¼"	6"
HM1-849L	•	•	75w max	3½"	21/4"	6"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown HM1-849L-PT



- Built in hot aiming adjustment
- · Patented tool free locking mechanism for precise aiming



#### **AR111 features and benefits**

- Provides whiter and brighter light
- Developed for color critical retail applications
- Crisp light from great distances or up close
- Screw terminal ensures secure connection
- A direct retrofit for PAR36 lamps
- Available in 4° to 45° beam angles

Model	Finish		Lamp		Dimensions		
	DB	PT			L	W	Н
HM1-936	•	•	PAR36, AR111	50w max	3¼"	5"	73/4"
HM1-936L	•	•	AR111	75w max	3¼"	5"	7¾″

Order lamp separately. Lens not included. Model shown HM1-936-DB

Finish Key DB-Dark Bronze, PT-Platinum



## FLEXRAIL1™ QUICK CONNECT™ adapter

WAC Lighting's QUICK CONNECT™ collection of pendants and fixtures includes hundreds of products, featuring a wide array of hand blown glass designs and multiple mounting hardware options.

The threaded male adapter used on QUICK CONNECT™ fixtures makes inter-system compatibility a snap. Simply insert the metal fitting into the appropriate system adapter and hand tighten the threaded collar and you are done!

#### Order one HM1-EN50 for each QUICK CONNECT™ element

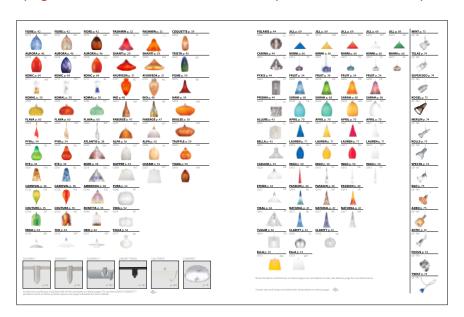


Finish Key DB-Dark Bronze, PT-Platinum





#### See pages 25-26 for all QUICK CONNECT™ pendant and fixture options



## FLEXRAIL1™ pendant options

#### **COMPACT FLUORESCENT PENDANTS**

Lamp CFL GU24 26w max

AB, PT Finish



Complete unit includes socket set, fixture and 72 inch braided fabric wire that may be shortened in the field CFL GU24 13w lamp included













PARK SLOPE (p.9)

HM1-F1-488WT/DB HM1-F2-488WT/PT

**CLINTON** (p.8) HM1-F1-472WT/DB HM1-F2-472WT/PT

SOLSTICE (p.5) HM1-F1-423PR/DB HM1-F2-423PR/PT









SERAPHIM (p. 3) HM1-F1-424WT/DB HM1-F2-424WT/PT

RED ROCK (p. 4) HM1-F1-426AM/DB HM1-F2-426AM/PT

**MOSS** (p.6) HM1-F1-421GR/DB HM1-F2-421GR/PT

**CARROL GARDENS** (p.10) HM1-F1-474WT/DB HM1-F2-474WT/PT











WILLIAMSBURG (p.10) HM1-F1-483IV/DB HM1-F2-483IV/PT

**COBBLE HILL** (p.9) HM1-F1-487AM/DB HM1-F2-487AM/PT

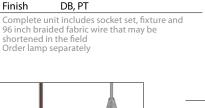
**MODE** (p.7) HM1-F1-471WT/DB HM1-F2-471WT/PT

FRANKLIN (p.8) HM1-F1-486WT/DB HM1-F2-486WT/PT

#### LINE VOLTAGE PENDANTS

A or G 100w max Lamp DB, PT

Complete unit includes socket set, fixture and 96 inch braided fabric wire that may be shortened in the field





**FELIS** (p.13)



**FELIS** (p.13)



**LISA** (p.15)



**LISA** (p.15)

HM1-F4-402BL/DB HM1-F4-402BL/PT



**LISA** (p.15)











FROST (p.14) HM1-F4-406OC/DB HM1-F4-406OC/PT

**NOVA** (p.14) HM1-F4-403RD/PT HM1-F4-403AM/PT

**NOVA** (p.14) HM1-F4-403RD/DB HM1-F4-403AM/DB

**NOVA** (p.14) HM1-F4-403BL/PT

**DAX** (p.12) HM1-F4-403BL/DB HM1-F4-454AM/DB HM1-F4-454WT/DB HM1-F4-454AM/PT HM1-F4-454WT/PT

**DAX** (p.12)









CREAMERY (p.16) HM1-F4-408WT/DB HM1-F4-408WT/PT

CREAMERY (p.16) HM1-F4-408AM/DB HM1-F4-408AM/PT

**BONGO** (p.11) HM1-F4-451AM/DB HM1-F4-451AM/PT

HM1-F4-451LB/DB HM1-F4-451LB/PT

**BONGO** (p.11) HM1-F4-451WT/DB HM1-F4-451WT/PT

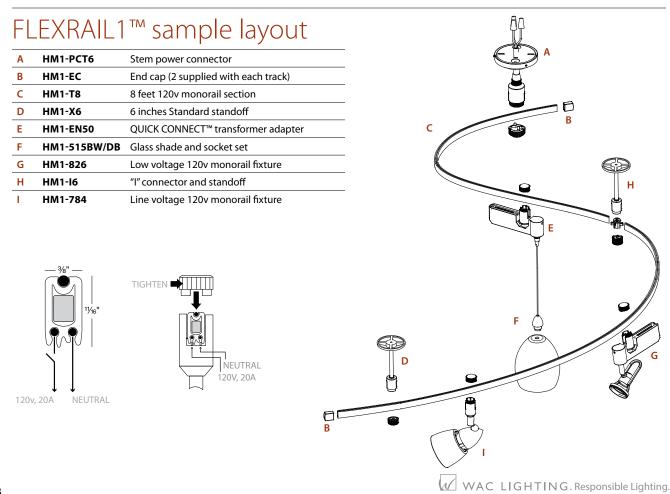
Finish Key AM – Amber, CB – Cobalt Blue, CO – Copper, BN – Brushed Nickel, BK – Black, BL – Blue, DB–Dark Bronze, GL – Gold, GR – Green, IV- Ivory, OC – Opal Clear, PT– Platinum, RD – Red, WM – White Marble, WT– White

#### FLEXRAIL1™ pendant options LINE VOLTAGE XENON PENDANTS Xenon 120v 50w Lamp JCD-50X Finish DB, PT Complete unit includes socket set, fixture and 72 inch braided fabric wire that may be shortened in the field Lamp included JILL (p.69) JILL (p.69) JILL (p.69) JILL (p.69) JILL (p.69) HM1-512BL/DB HM1-512GR/DB HM1-512RD/DB HM1-512WT/DB HM1-512AM/DB HM1-512BL/PT HM1-512AM/PT HM1-512GR/PT HM1-512RD/PT HM1-512WT/PT DB **ELLA** (p.72) **ELLA** (p.72) **TUK** (p.63) **OBO** (p.64) **ERGO** (p.63) HM1-513AM/DB HM1-513WT/DB HM1-514WT/DB HM1-517WT/DB HM1-519BN/DB HM1-513AM/PT HM1-513WT/PT HM1-514WT/PT HM1-517WT/PT HM1-519BN/PT Note: For FLEXRAIL1™ order complete pendants using model numbers shown on this page. For enlarged photographs of the shades, see page references. CAELUM (p.54) AMBROSIA (p.38) **ETHER** (p.54) **EDEN** (p.38) ATLANTIS (p.38) HM1-518DIC/DB HM1-545DIC/DB HM1-5210E/DB HM1-520OE/DB HM1-546DIC/DB HM1-5210F/PT HM1-520OF/PT HM1-518DIC/PT HM1-546DIC/PT HM1-545DIC/PT COUTURE (p.35) COUTURE (p.35) FIORE (p.42) FIORE (p.42) VIDA (p.52) PURA (p.52) ROSETTA (p.35) FIORE (p.42) HM1-540AM/DB HM1-530GR/DB HM1-530MC/DB HM1-515AM/DB HM1-515MF/DB HM1-515BW/DB HM1-547FR/DB HM1-548FR/DB HM1-515MF/PT HM1-515BW/PT HM1-547FR/PT HM1-540AM/PT HM1-530GR/PT HM1-530MC/PT HM1-515AM/PT HM1-548FR/PT **SARAH** (p.68) **SARAH** (p.68) **SARAH** (p.68) **SARAH** (p.68) **KOMAL** (p.30) **KOMAL** (p.30) **KOMAL** (p.30) HM1-524TQ/DB HM1-524WT/DB HM1-593LI/DB HM1-593RB/DB HM1-593TQ/DB HM1-524LB/DB HM1-524AM/DB HM1-524LB/PT HM1-524AM/PT HM1-524WT/PT HM1-593LI/PT HM1-593RB/PT HM1-593TQ/BN BRULEE (p.58) HANI (p.58) DAPPER (p.53) **CHARM** (p.53) FABERGÉ (p.47) FABERGÉ (p.47) HM1-541WT/DB HM1-541WT/PT HM1-551AM/DB HM1-551AM/PT HM1-550AM/DB HM1-550AM/PT HM1-598WT/DB HM1-598WT/PT HM1-557WT/DB HM1-541AM/DB HM1-557WT/PT HM1-541AM/PT

Finish Key AM – Amber, BL – Blue, BW- Blue/White GL – Gold, CB – Cobalt Blue, BN – Brushed Nickel, DB – Dark Bronze, DIC – Dichroic, FR- Frosted, GR – Green, LB – Light Blue, LI – Lime, MC– Multicolor, MF-Millefiore, PR – Purple, PT– Platinum, RB – Raspberry, RD – Red, TQ – Turquoise, WT– White

## FLEXRAIL1™ design guidelines and sample layout

LAYOUT	Use rope, chalk or string on floor level, or a scale drawing with string to estimate 120v monorail needs.  A good rule of thumb is to order more 120v monorail than you think youfeetll need, ie: add 4 feet for every 1 feet of 120v monorail estimate. Broad curves work best, 24 inches minimum radius.	
MAXIMUM WATTAGE	2400w down rated to 1920 watts in accordance with line voltage general guidelines	
POWER	The 120v monorail should pass under or near a junction box (supplying 120v). Stem and cable type power feed also supports the 120v monorail. Flexible ceiling is used for custom length or sloped ceilings	
MOUNTING	Determine the ceiling type and drop length. Determine how many standoffs. Three Supports minimum for an 8 feet section and two for a 4 feet section	
JOINING SECTIONS  "I" connectors and variable angle connectors serve a dual purpose by both joining two 120v monorail sections and supporting the 120v monorail		
SHAPING  120v monorail is shipped straight. Small jobs can be hand bent (by carefully working over a rounded object). Ubending machine for professional installations		
CUTTING	120v monorail may be field cut. For ease of installation, try to plan layout so only the last 120v monorail section gets cut. See instructions supplied with 120v monorail for further details	
LIGHT SOURCES  Line voltage and low voltage luminaires may be mixed on the same 120v monorail. Low voltage luminaires may be mixed on the same 120v monorail.		
QUICK CONNECT™	QUICK CONNECT™ transformer attaches to 120v monorail and accepts all QUICK CONNECT™ fixtures and pendants	
TIPS	120v monorails are supplied with end caps	
	Standard dimmers are acceptable, low voltage dimmers are recommended for use with low voltage luminaires	
	Standoffs and "I" connectors may be cut to custom lengths, use the HM-XADJ component. Custom suspensions will require a custom power feed as well. Use the HM1-PCC cable series which is easily field cut	
	Suspension rods may be joined to create longer drops, use the XI- component	
	The variable angle connector allows track to be adjusted at any angle up to 270°	
	Shaping 120v monorail before mounting on the ceiling allows you to determine the best location for standoffs	
	Hand bending of small curves is acceptable, while larger and more intricate curves should be done with the bending machine, HM1-BM	
	Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. <b>Call 800.526.2588</b>	



## FLEXRAIL1™ components



#### **120V MONORAIL SECTION**

HM1-T4	4feet
HM1-T8	8feet
Finish	DB, PT

Bendable 120v monorail 2400w down rated to 1920w maximum. Includes two matching end caps.



### STEM POWER FEED CONNECTOR

НМ1-РСТ6	6"	
HM1-PCT12	12"	
HM1-PCT24	24"	
HM1-PCT36	36"	
HM1-PCT48	48"	
Finish	DB, PT	

Both a support and power feed. May be placed anywhere along the length of 120v . monorail



#### STANDARD CEILING STANDOFF

HM1-X6	6"
HM1-X12	12"
HM1-X24	24"
HM1-X36	36"
HM1-X48	48"
Finish	DB, PT
Supports 120v mo	norail for flat ceilings and

surfaces



### T-BAR CEILING STANDOFF

HM1-TB6	6"	
HM1-TB12	12"	
HM1-TB24	24"	
HM1-TB36	36"	
HM1-TB48	48"	
Finish	DB, PT	
Concoals a T Par clin under the canony for		

Conceals a T-Bar clip under the canopy for standard 1" T-Bar ceilings



### **SLOPED CEILING ADAPTER**

SK14S	
Finish	DF

Used with standoffs and "I" connectors when mounting HM1 on a sloped ceiling



### "I" CONNECTOR

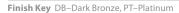
HM1-I6	6"
HM1-I12	12"
HM1-I24	24"
HM1-I36	36"
HM1-I48	48"
Finish	DB, PT
Connects two sections of 120v monorail	

with electrical continuity



### **END CAP**

HM1-EC		
Finish	DB, PT	







### FLEXRAIL1™ BENDING MACHINE

#### HM1-BM

Used to make smooth, consistent bends. For small radius bends. Clamps onto work benches or flat surfaces up to 2" max.



#### ELEVIRI E CEILING POWER EFED

FLEXIBLE CEILING FOWER FEED		
HM1-PCC12	12"	
HM1-PCC24	24"	
HM1-PCC36	36"	
HM1-PCC48	48"	
HM1-PCC96	96"	
Finish	DB, PT	

Used for powering sloped ceilings or custom suspension lengths



### **SLOPED CEILING STANDOFF**

HM1-XS6	7 3/4"
HM1-XS12	13 ¾"
HM1-XS24	25 ¾"
HM1-XS36	37 ¾"
HM1-XS48	49 ¾"
Finish	DB, PT

Supports 120v monorail for sloped ceiling Accommodates angles up to 45°



#### FIELD SHORTENING ADAPTER

HM-XADJ		
Finish	DB, PT	
Used for stan	doffs or "I" connector rods	



#### **ROD COUPLER**

XI	
Finish	DB, PT
Connects two standoffs or "I" connector rods together to form a longer drop	



### "I" DEAD-END CONNECTOR

HM1-IDEC6	6"
HM1-IDEC12	12"
HM1-IDEC24	24"
HM1-IDEC36	36"
HM1-IDEC48	48"
Finish	DB, PT
Connects two sec	tions of 120v monorail



### **VARIABLE ANGLE CONNECTOR**

HM1-VA6	6"
HM1-VA12	12"
HM1-VA24	24"
HM1-VA36	36"
HM1-VA48	48"
Finish	DB, PT
C	!I

Connects two sections of 120v monorail with electrical continuity. Connects at any angle up to 270°



# BEAUTY SPOTS™

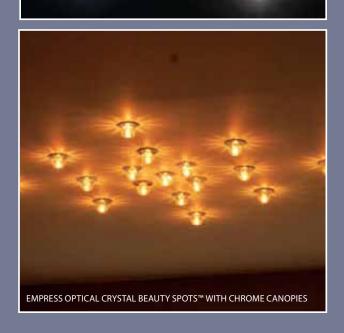




### **FEATURES**

- Hand cut hand polished optical crystal
- Variety of patterns, shapes and designs
- May be used individually as accent pieces or grouped together to create a custom light sculpture
- Complementary crystal pendants are available in our QUICK CONNECT™ offering. See Polaris, Carina, Pyxis, and Prisma pendants on p. 44
- Five year warranty
- Many sustainable options available





## BEAUTY SPOTS™

### **CANOPY**



- The basic unit consists of a 2¾" diameter canopy with a socket for 20 watt low voltage xenon lamps and an integral wiring compartment with torsion springs that hold the canopy in a 2 %" inch cutout. BEAUTY SPOTS™ may be conveniently wired from a single remote transformer.
- May be installed in IC and non-IC applications
- May be painted to suit your decorative needs



### **BEAUTY SPOTS™ CANOPY**

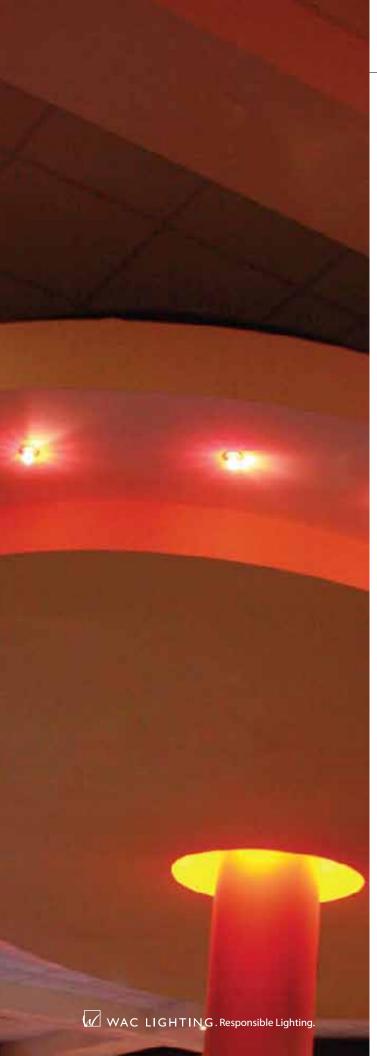
Model	Lamp		Fin	Finish	
	Xenon Bi-pin	Voltage	CH	WT	
DR-301	20w max	12v	•	•	
12V Xenon la	amp included. Order 24\	/ lamps separately			

Example DR-301-CH

Finish Key CH-Chrome, WT-White Ulus







# optical color crystal elements









Sustainable Choice

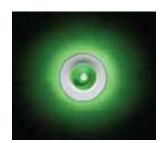
DR-G352-BL





DR-G352-CL





DR-G352-GR





Canopies Shown DR-301-WT



### **COLOR CRYSTAL**

Model	Glass			Canopy		Lamp			
	AM	BL	CL	GR	RD	WT	CH	Xenon Bi-pin	Voltage
DR-G352	•	•	•	•	•	•	•	20w max	12v

### Example $\mathbf{DR}\text{-}\mathbf{G352}\text{-}\mathbf{AM}$ with $\mathbf{DR}\text{-}\mathbf{301}\text{-}\mathbf{CH}$

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See previous page

Finish Key AM-Amber, BL-Blue, CH-Chrome, CL-Clear, GR-Green, RD-Red, WT-White





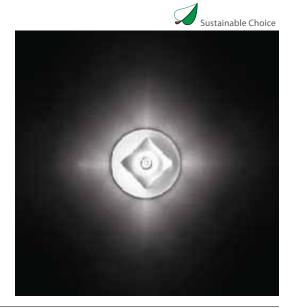


### **CUBIX**

Model	Glass	Canopy		Lamp		
	CL	WT	CH	Xenon Bi-pin	Voltage	
DR-G355	•	•	•	20w max	12v	

### Model shown DR-G355-CL with DR-301-WT

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See p. 107







#### IRIX

Model	Glass	Canopy		Lamp		
	CL	WT	CH	Xenon Bi-pin	Voltage	
DR-G356	•	•	•	20w max	12v	

Model shown DR-G356-CL with DR-301-CH

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See p. 107





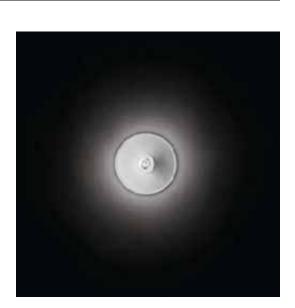
Model	Glass	Canopy		Lamp		
	FR	WT CH		Xenon Bi-pin	Voltage	
DR-G357	•	•	•	20w max	12v	

### Model shown DR-G357-FR with DR-301-WT

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See p. 107







# optical crystal elements







### **DUCHESS**

Model	Glass	Canopy		Lamp		
	CL	WT	CH	Xenon Bi-pin	Voltage	
DR-G361	•	•	•	20w max	12v	

#### Model shown DR-G361-CL with DR-301-CH

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See p. 107







### **PRINCESS**

Model	Glass	Can	Canopy Lamp		)
	CL	WT	CH	Xenon Bi-pin	Voltage
DR-G362	•	•	•	20w max	12v

### Model shown DR-G362-CL with DR-301-CH

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See p. 107







Model shown DR-G363-CL with DR-301-CH					
DR-G363	•	•	•	20w max	12v
	CL	WT	CH	Xenon Bi-pin	Voltage
Model	Glass	Can	ору	Lamp	)
EMPRESS					

12V Xenon lamp included. Order 24V lamps separately Order DR-301 Canopy separately. See p. 107

Finish Key CH-Chrome, CL-Clear, WT-White © UL us



# **COUNTER BALANCE** CHANDELIERS AND PENDANTS





- Counter Balance system provides fingertip height adjustment to quickly adapt to changing needs
- Field adjustable to accommodate various ceiling heights
- Five year warranty
- Many sustainable options available



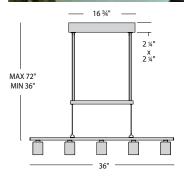
Sustainable Choice

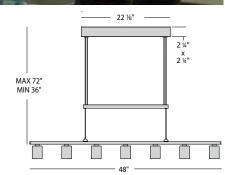
## COUNTER BALANCE chandeliers

- · Instantly adjustable height and perfectly balanced to adapt to many specific lighting needs
- The junction box cover plate can be field painted by the installer to match any ceiling
- Each fixture includes an octagon box cover plate in the matching finish. Integral electronic transformers may be dimmed with electronic low voltage dimmer switches
- · Crafted of solid brass









### **BALANS**

Model	Lamp	Finish			
	Xenon bi-pin	BN	CH	DB	
AP-5RE	5 x 20w	•	•	•	
Glass	Cased white glass cylindrical shades included				

Lamps included

Each fixture includes cover plate for an octagon junction box in the matching finish. Integral electronic transformers may be dimmed with electronic low voltage dimmer switches May be field shortened

### Example AP-5RE-CH

Finish Key DB-Dark Bronze, BN-Brushed Nickel, CH-Chrome Wuss



### **BALANS**

Model	Lamp	Finish				
	Xenon bi-pin	BN	CH	DB		
AP-7RE	7 x 20w	•	•	•		
Glass	Cased white glass cylindrical shades included					

Lamps included

Each fixture includes cover plate for an octagon junction box in the matching finish. Integral electronic transformers may be dimmed with electronic low voltage dimmer switches May be field shortened

Example AP-7RE-CH

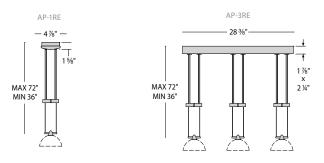


## COUNTER BALANCE pendants

- · Counter Balance pendants provide fingertip height adjustment to guickly adapt to various lighting needs
- · Fixtures offer a variety of art glass shades from our QUICK CONNECT™ pendant series



- · Each fixture is individually adjustable and may be field shortened to accommodate low ceiling heights
- · Integral electronic transformers may be dimmed with electronic low voltage dimmer switches



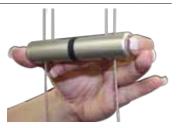
Model	Lamp		Finish	
	Xenon Bi-pin	BN	CH	DB
AP-1R@	1 x 50w	•	•	•
AP-3RE	3 x 50w	•	•	•

Order shade separately. See pages 25-26 for details Each fixture includes cover plate for an octagon junction box in the matching finish

Example AP-3RE-CH

**Fingertip** 

Adjustment



Sustainable Choice

### **GLASS OPTIONS**

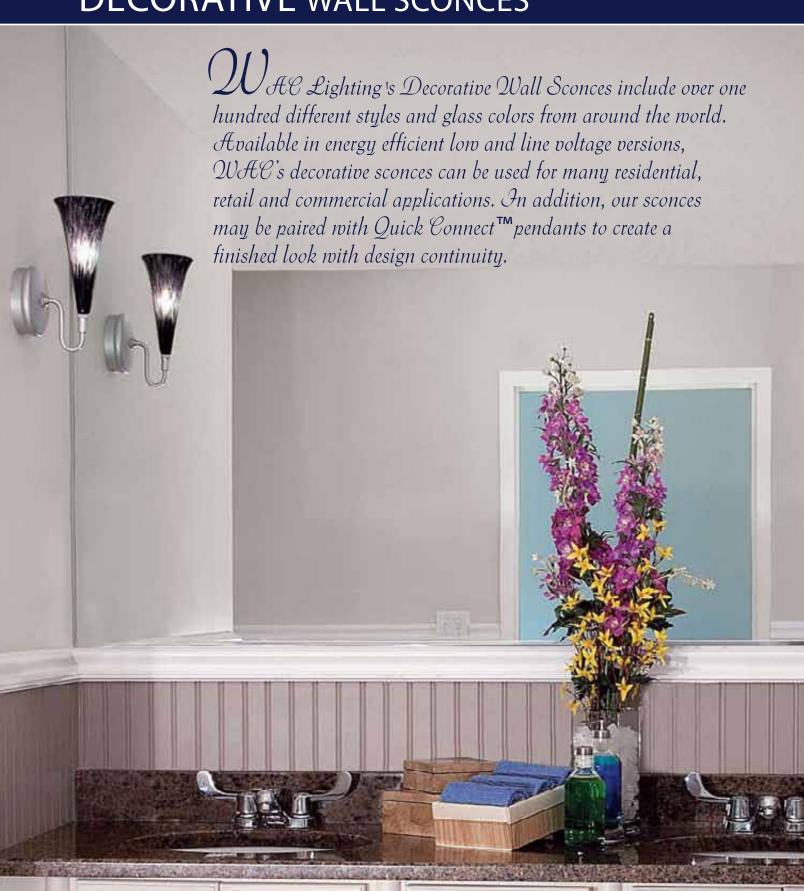
The following glass pendant shades are suitable for Counter Balance pendants Use model numbers on this page to order the shades See page reference for enlarged photograph of each shade

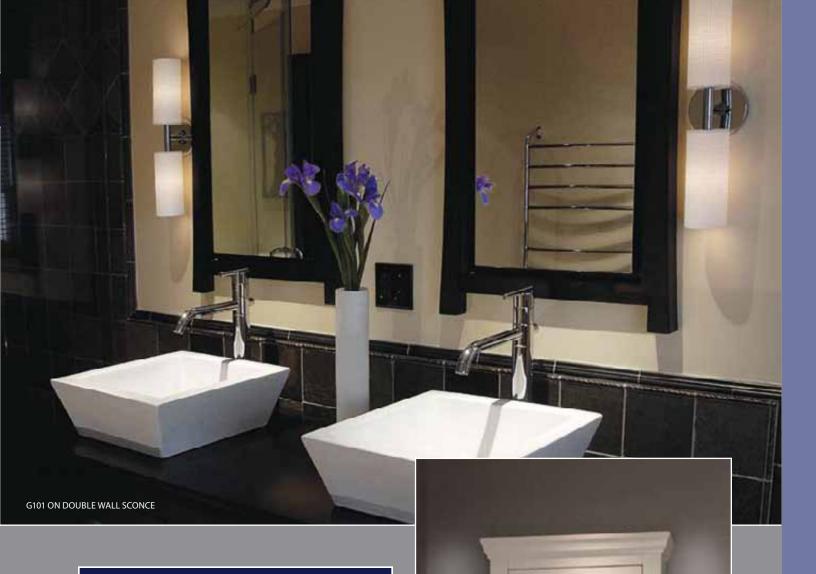






# **DECORATIVE** WALL SCONCES





### **FEATURES**

- Hundreds of different designs to choose from
- Back plates available in Chrome and Brushed Nickel to match many décors
- Available in energy efficient compact fluorescent, low and line voltage versions
- Five year warranty
- Many sustainable options available



Most Sustainable Choice











FIORE G515 WS52-G515AM/BN

Model	Din	nensions*	Shade	Wall Bracket Finish
<b>WS52</b> 12v 50w max. Halogen Bi-Pin	W H D	5" 10 <sup>3</sup> ⁄ <sub>4</sub> " 7 ½"		BN CH
<b>WS56</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 10¾" 6½"	G515 AM G515 BI G515 MF	BN CH
WS55 120v 60w max. Candelabra B-10 lamp	W H D	5" 10 <sup>3</sup> ⁄ <sub>4</sub> " 6 ½"		BN CH

Example WS55-G515MF/BN Shade and wall bracket included. Lamp included







COUTURE G530GR WS56-G530GR/BN

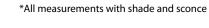


WS55-G530MC/BN

Model	Dim	ensions*	Shade	Wall Bracket Finish
<b>WS52</b> 12v 50w max. Halogen Bi-Pin lamp	W H D	5" 10 <sup>3</sup> ⁄ <sub>4</sub> " 7 ½"		BN CH
WS56 120v 60w max. Candelabra B-10 lamp	W H D	5" 10 <sup>3</sup> ⁄ <sub>4</sub> " 6 <sup>1</sup> ⁄ <sub>8</sub> "	G530 GR G530 MC G540 AM	BN CH
<b>WS55</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 8¼" 6½"		BN CH

Example WS52-G540AM/CH Shade and wall bracket included. Lamp included











SARAH G524 WS55-G524LB/BN



WS55-G524TQ/BN



WS55-G524WT/BN

Model	Dim	ensions*	Shade	Wall Bracket Finish
<b>WS52</b> 12v 50w max. Halogen Bi-Pin	W H D	5" 10 <sup>3</sup> ⁄ <sub>4</sub> " 7 ½"		BN CH
WS56 120v 60w max. Candelabra B-10 lamp	W H D	5" 10 <sup>3</sup> ⁄ <sub>4</sub> " 6 <sup>1</sup> ⁄ <sub>8</sub> "	G524 AM G524 LB G524 TQ G524 WT	BN CH
<b>WS55</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 8¼" 6½"		BN CH

Example WS56-G524AM/BN Shade and wall bracket included. Lamp included





Finish Key BN-Brushed Nickel, DIC-Dichroic. CH-Chrome 6 Ulus



ATLANTIS G545DIC WS56-G545DIC/CH



AMBROSIA G546DIC WS56-G546DIC/CH



Shown with light on

Model	Dim	ensions*	Shade	Wall Bracket Finish
<b>WS52</b> 12v 50w max. Halogen Bi-Pin	W H D	5" 8¼" 7¼"		BN CH
<b>WS56</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 8¼" 6½"	G518 DIC G545 DIC G546 DIC	BN CH
<b>WS55</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 5 <sup>3</sup> ⁄ <sub>4</sub> " 6 <sup>1</sup> ⁄ <sub>8</sub> "		BN CH

Example WS56-G518DIC/CH Shade and wall bracket included. Lamp included

\*All measurements with shade and sconce













CAELUM G520 WS52-G5200E/BN

Model	Dim	ensions	s*	Shade	Wall Bracket Finish
<b>WS52</b> 12v 50w max. Halogen Bi-Pin lamp	W H D	5" 8¾" 7¼"	5" 9¾" 7¼"		BN CH
<b>WS56</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 8¾" 6½"	5" 9¾" 6½"	G520 A7 G521 A7 G557 WT	BN CH
<b>WS55</b> 120v 60w max. Candelabra B-10 lamp	W H D	5" 5¾" 6½"	5" 6¾" 6½"		BN CH

Example WS55-G521WT/BN Shade and wall bracket included. Lamp included

NOTE Dimensions for Charm are shown in second column.



\*All measurements with shade and sconce



**Finish Key** AM-Amber, BL-Blue, BN-Brushed Nickel, CH-Chrome, GR-Green, LB-Light Blue, MF-Millefiori, MC-Multicolor, RD-Red, TQ-Turquoise, WT-White

ETHER G521WT WS55-G5210E/BN











PASSION G614 WS61-G614YR/CH

	Model	Dim	ensions	*	Shade	Wall Bracket Finish
	WS61	W	5"	5"	G614 BG	BN
U	12v 50w max. Halogen Bi-Pin lamp	H D	8¾" 7¼"	9¾" 6"	G614 MF G614 YR	СН

Example WS61-G614BG/CH Shade and wall bracket included. Lamp included

Finish Key BG-Blue Green, BN-Brushed Nickel, CH-Chrome, MF-Millefiori, WT-White, YR-Yellow Red



\*All measurements with shade and sconce









WS61-G617BR/CH

Г.			
14			1
103		a,	9
- VA	VЯ	S.	JÆ.

WS61
12v 50w max.
Halogen Bi-Pin lamp

Dimensions\* 93/4" Н D 6"

Shade **G617 BG G617 BR G617 WA** 

Wall Bracket Finish CH

Example WS61-G617WA/CH Shade and wall bracket included. Lamp included



**APRIL** G611 WS61-G611AM/BN



**APRIL** G611 WS61-G611RD/CH



**APRIL** WS61-G611WT/CH

**APRIL** G611 WS61-G611BL/CH

NATURAL G617

WS61-G617WA/CH



WS61	
12v 50w max.	
Halogen Bi-Pin lamp	)

Model

W Н 8¾" D 71/4"

Dimensions\*

Shade **G611 AM G611 BL G611 RD G611 WT** 

Wall Bracket Finish BN CH

Example WS61-G611BL/CH Shade and wall bracket included. Lamp included













Wall Bracket Finish Model Dimensions\* Shade BN CH **WS61** W 5" 8¾" 12v 50w max. **G615 BG** Halogen Bi-Pin lamp D 71/4"

Example WS61-G615BG/CH Shade and wall bracket included. Lamp included









**LAUREN** WS61-G613BL/CH



**LAUREN** WS61-G613WT/CH

Model	Dim	ensions*	Shade	Wall Bracket Finish
<b>WS61</b> 12v 50w max. Halogen Bi-Pin lamp	W H D	5" 8¾" 7¼"	G613 AM G613 BL G613 RD G613 WT	BN CH

Example WS61-G613RD/CH Shade and wall bracket included. Lamp included

Finish Key AM-Amber, BL-Blue, BN-Brushed Nickel, CH-Chrome, GR-Green, RD-Red, WT-White



\*All measurements with shade and sconce

WS61-G615BG/CH







ELLA G513 WS54-G513WT/CH

Wall Bracket Finish Model Dimensions\* Shade **WS54** W 6" 73/4" CH Н 12v 50w max. Halogen Bi-Pin lamp D **G513 AM** 4%" **G513 WT** WS53 W 5" BN 7¾" СН 120v 60w max. Candelabra B-10 lamp D 4%"

Example WS-MR53H-G513AM/BN Shade and wall bracket included. Lamp included

 $\textbf{Finish Key} \ \, \text{AM-Amber, BN-Brushed Nickel, CH-Chrome, WT-White} \\$ 

G513



\*All measurements with shade and sconce

**ELLA** 

WS54-G513AM/BN

**RIPPLE** 

G102WT

Complies with ADA federal regulations requiring that fixtures in public pathways extend not more than 4 inches from the wall.



G103WT

Each molded porcelain shade has a unique textured finish that produces a warm glow into the space.

**LINEN** 

G101WT

RI ANC	G100WT
BLANC WS230-G100WT/	СН
1	
WILL.	

WS110-G101WT/CH	WS120-G102WT/BN	WS130-G103WT/BN

**WAVES** 

	Model	Dim	ensions*	Shade	Wall Bracket Finish
W.	WS110 120v 60w max. Candelabra B-10 lamp	W H D	5" 11½" 3½"		BN CH
(	WS120 120v 60w max. Candelabra B-10 lamp	W H D	5" 11½" 3½"	G100 WT G101 WT	BN CH
9	WS130 120v 60w max. Candelabra B-10 lamp	W H D	5" 11½" 3½"	G102 WT G103 WT	BN CH
F	WS230 120v 60w max. Candelabra B-10 lamp	W H D	5" 181%" 37%"		BN CH

Example WS230-G100WT/CH Shade and wall bracket included. Lamp included

Finish Key BN-Brushed Nickel, CH-Chrome, WT-White

# energy efficient wall sconces

The compact fluorescent sconces are equipped with high power factor electronic ballasts for quiet and efficient operation with maximum lamp life. The incandescent sconces use the low profile medium base T10 lamps.

Complies with ADA federal regulations requiring that fixtures in public pathways extend not more than 4 inches from the wall.



# energy efficient wall sconces









### **ELYSE** SCONCE SHADE

Model	Fin	ish
	AM	WT
G-WS404	•	•

Example G-WS404-WT

Order backplate separately, see below







### **NINA** SCONCE SHADE

Model	Finish	
	AM	WT
G-WS406	•	•
Example G-WS406-AM		

Wall sconces have a shallow profile back plate and are installed with minimal effort.

Order backplate separately, see below





CFL SCONCE BACK PLATE

Model	Lamp	Finish
	Tri-Tube GX24q	WT
WS-CFL32	26w/32w	•

Order lamp separately

### INCANDESCENT SCONCE BACK PLATE

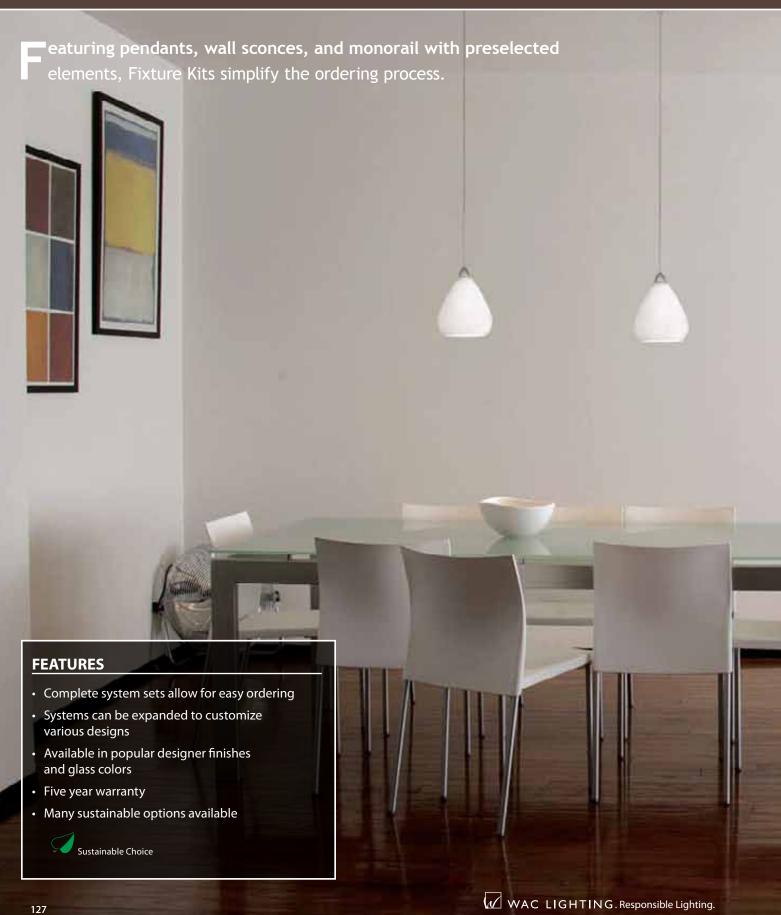
Model	Lamp	Finish
	120v T10	WT
WS-INC60	60w max	•

Order lamp separately

Finish Key AM-Amber, BN-Brushed Nickel, CH-Chrome, WT-White cluss



# **FIXTURE KITS**

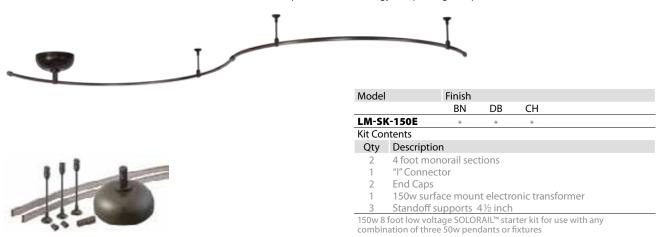


• All starter kits include our patented SOLORAIL™ hardware in Dark Bronze, Brushed Nickel, and Chrome



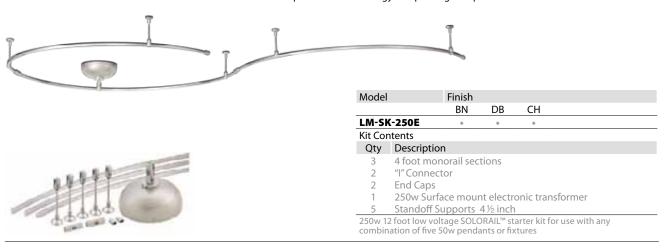
### 150 Watts 8 Foot Monorail Starter Kit

Monorail includes UL 2108 transformers which offer the latest in protection technology and prolongs lamp life

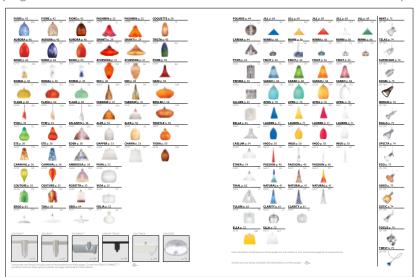


### 250 Watts 12 Foot Monorail Starter Kit

Monorail includes UL 2108 Transformers which offer the latest in protection technology and prolongs lamp life



### See pages 25-26 for all QUICK CONNECT™ Pendant and Fixture options



Finish Key BN- Brushed Nickel, DB-Dark Bronze CH-Chrome



## monorail pendant kits

The 250w kits include electronic transformers, monorails, standoffs and four to five elements which are pre-fitted with appropriate adapters











Model	Finish
LM-K590-WT/PT LM-K591-WT/PT	White glass / Platinum monorail White glass / Platinum monorail
LM-K592-AB/BZ	Amber glass / Bronze monorail

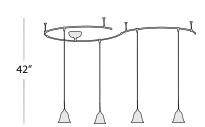
### Kit Contents

Qty	Description
3	42 inch monorail sections
2	"I" Connector
2	End caps
1	250w surface mount electronic transformer
4	4½ inch standoff supports
4	Monorail pendant adapters
4	Pendant set, includes 50w halogen bi-pin lamp

Change configuration to meet your design needs. Add one additional 50w pendant or remove one pendant and add two additional 50w fixtures to maximize use of the 250w system. See next page for pendant and fixture options.









Model	Finish
LM-K9411-PT/WT	Platinum monorail / White glass
LM-K9415-PT/PT	Platinum monorail / Platinum mesh shield

### Kit Contents

Qty	Description
3	42" monorail sections
2	"I" Connector
2	End caps
1	250w surface mount electronic transformer
4	4½" standoff supports
5	Monorail fixture, includes 50w MR16
Changacanfi	guration to most your design poods with additional pondants or

Change configuration to meet your design needs with additional pendants or fixtures below and/or lower wattage lamps (20w or 35w lamps are available). Do not exceed 250w.





Model	Finish
LM-K8111-BZ/AS	Bronze monorail / Amber glass
LM-K8115-BZ/BZ	Bronze monorail / Bronze mesh shield

#### Kit Contents

Qty	Description
3	42 inch monorail sections
2	"I" Connector
2	End caps
1	250w surface mount electronic transformer
4	4½ inch standoff supports
5	Monorail fixture, includes 50w MR16
Change confic	urration to meet your design needs with additional pendants or

Change configuration to meet your design needs with additional pendants or fixtures below and/or lower wattage lamps (20w or 35w lamps are available). Do not exceed 250w.



### **ADDITIONAL PENDANTS OR FIXTURES**

### **Pendant Selection**

#### QP-G590-WT/PT QP-G591-WT/PT QP-G592-AB/BZ









Fixture Selection







Pendants include adapter, socket set, shade and 50w Halogen lamp

Fixtures include adapter, shade and 50w Halogen lamp

Finish Key AB/BZ-Amber/Bronze, BZ/AS-Bronze/Amber Seeded, PT/PT- Platinum/Platinum, PT/WT- Platinum/White, WT/PT- White/Platinum





Model	Finish	Dimensions	
		Н	W
QMP-K590-PT/WT	Platinum canopy / White glass with White frits	53/8"	5"
QMP-K591-PT/WT	Platinum canopy / White glass with Black frits	53/8"	43/4"
QMP-K592-BZ/AM	Bronze canopy / Amber glass with Black frits	5 1/4"	5 5/8"

#### Kit Contents

Qty.	Description
1	Canopy with integral 12v/60w electronic transformer
1	Socket Set - 42 inches to bottom of shade
1	Shade
1	Halogen 50w Bi-pin lamp

Finish Key BZ/AM-Bronze/Amber, PT/WT- Platinum/White





# counter balance pendant kits



Model	Finish	Dimensions	
		Н	W
AP-K590-PT/WT	Platinum canopy / White glass with White frits	5 3/8"	5"
AP-K591-PT/WT	Platinum canopy / White glass with Black frits	5 3/8"	43/4"
AP-K592-BZ/AM	Bronze canopy / Amber glass with Black frits	5 1/4"	5 5/8"

### Kit Contents

Qty.	Description
1	Canopy with integral 12v/60w electronic transformer and socket set
1	Shade

1 Halogen 50w Bi-pin lamp







# wall sconce kits





Model	Finish	Dimensions		
		Н	W	Ø
WS-K130-BN/WT	Brushed Nickel / White glass	111/8"	3%"	4½"
WS-K130-CH/WT	Chrome / White glass	111/8"	3%"	41/2"

### Kit Contents

Qty.	Description	
1	Round wall canopy	
1	Frosted cased glass	
1	60w candelabra B-10 lamp	
Complies with ADA federal regulations requiring that fixtures in		

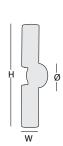
public pathways extend no more than 4 inches from the wall Model Shown WS-K130-BN/WT

Finish Key BN/WT-Brushed Nickel/White, CH/WT-Chrome/White CUL) US









Model	Finish	Dimensions		
		Н	W	Ø
WS-K230-BN/WT	Brushed Nickel / White glass	181/8"	3 %"	41/2"
WS-K230-CH/WT	Chrome / White glass	181/8"	3 1/8"	41/2"

### Kit Contents

Kit Contents	
Qty.	Description
1	Round wall canopy
1	Frosted cased glass
1	2 × 60w candelabra B-10 lamp
C	ADA Calculation Latin and Literature Committee

Complies with ADA federal regulations requiring that fixtures in public pathways extend no more than 4 inches from the wall

### Model Shown WS-K230-CH/WT

Finish Key BN/WT-Brushed Nickel/White, CH/WT- Chrome/White





# INVISILED™ TAPE





### **FEATURES**

- At less than 1/8" high and 7/16" wide, INVISILED™ allows for a virtually invisible installation
- Low power consumption, 2 watts per foot
- Long life LEDs perform up to 50,000 hours
- Available in Amber, Blue, Green, Red and White
- Each INVISILED™ strip is backed with 3M™ construction adhesive allowing for simple peel and stick installation
- Each 60w Class II power supply can power a run length of 25 feet
- A wide range of components facilitate a variety of layouts and applications including:
  - wine racks
- miniature coves
- under counters and bars toe kick accent lighting
- display windows
- trade show booths
- architectural accents
- Five year warranty
- Many sustainable options available



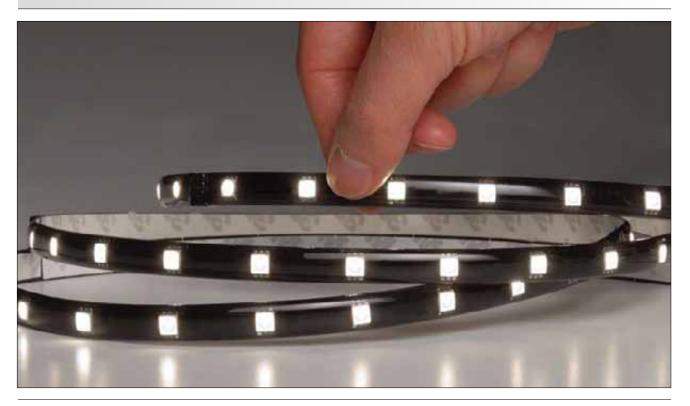
Most Sustainable Choice

## INVISILED™

- Created in a sealed thermoplastic enclosure for long lasting durability
- Lightweight and durable
- · Offers flexibility to accommodate curves effortlessly
- Designed with diodes that are evenly spaced at 1 inch apart
- Sections are available in 2 inch, 1 foot and 5 foot lengths
- May be field cut at the end of a run



Most Sustainable Choice





INVISILED™ Project Solutions Kit offers all of the components needed to complete several installations in an easy to refill, aluminum attaché case.

### PROJECT SOLUTIONS KIT

LED-T-KIT		
Contents	Quantity	Description
LED-T-1-WT	25	LED Tape Light - 12 inch sections
LED-T-2IN-WT	15	LED Tape Light - 2 inch sections
EN-1260-P-AR-T	1	Plug-in power supply
EN-1260-RB2-T	2	Remote power supply
LED-T-IC2	2	3 inch joiner cables
LED-T-IC6	1	7 inch joiner cable
LED-T-IC12	1	13 inch joiner cable
LED-T-L	4	L-connectors
LED-T-EC	4	End caps
LED-T-CL	25	Mounting clips



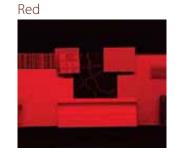
White

Amber



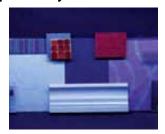


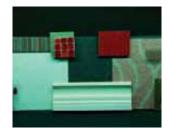
Green



Combine White with any single color to tone down the intensity and get a more subdued pastel-like hue by running two INVISILED<sup>™</sup> tapes side by side









Combining two colors allows for unique color blends, able to integrate into nearly any décor by running two INVISILED<sup>™</sup> tapes side by side

Amber / Blue

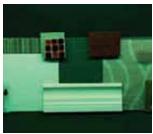




Blue / Red



Green / Amber



Green / Red



Red / Amber

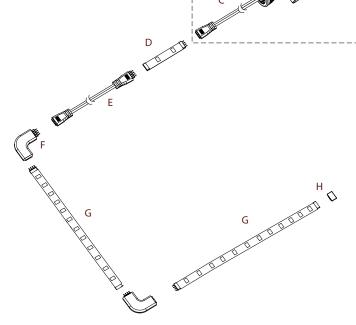


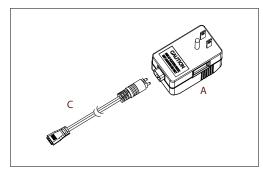
## INVISILED™ design guidelines

LAYING OUT THE INVISILED™ DESIGN	Measure the length of each run and round it off to the nearest 2 inch interval. Determine the necessary quantities of 5 foot, 1 foot and 2 inch sections that are needed. Determine the number of separately powered runs needed. How many power supply are needed? Minimum run length of 5 foot and maximum run of 25 foot with the use of an INVISILED™ power supply. May experience some visible loss of intensity between 15 feet and 25 feet due to voltage drop
POWER	INVISILED™ is easy to install by simply powering the power supply and connecting the male and female sections and connectors creating straight lines, any angled turns, or lengthwise curves. Use end caps to seal the end of each run. Female and male end caps are available. Terminate each cut segment with a cut end cap. Terminate the uncut end of the section with a male end cap. INVISILED™ power supplies have a minimum load requirement of 10w
MOUNTING	Behind each INVISILED™ section is a 3M™ construction adhesive. Peel back the covering and press firmly onto smooth surfaces. If a 2x2 inch or greater cove is not built-in, a Retrofit Channel may be necessary to conceal the INVISILED™ or to provide an extended surface for mounting or directing the light. Mounting clips and screws are available to reinforce secure mounting to porous surfaces. INVISILED™ sections snap into mounting clips without the use of the adhesive thus permitting INVISILED™ sections to be easily changed out with the seasons for different holiday colors
JOINING SECTIONS	2 inch sections and L connectors are combined to make convenient 90° angle turns at any 2 inch interval.  Joiner cables can also be used for carrying power between sections of a run and creating connections at any angle.  INVISILED™ sections may be cut in the field every inch at the indicated markings on the adhesive side.  CAUTION: Cut sections may not be rejoined to start a new section.
TIPS	Dimming is generally recommended with electronic low voltage dimmers. Call WAC for specific recommendations.
	To avoid cutting in the middle of a run, use a series of 2 inch tape lights before L connectors or joiner cables.
	Install INVISILED™ in ambient temperature of at least 50 degrees Fahrenheit to ensure maximum pliability of silicon
	INVISILED™ sections have no polarity for connection. In other words, L connectors may be used in either direction for left-hand or right-hand turns.
	Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. <b>Call 800.526.2588</b>

## INVISILED™ sample layout

Α	EN-1260-P-AR-T	Plug-in Power Supply
В	EN-1260-RB2-T	Remote Power Supply
C	LED-T-P-2	Lead Wire
D	LED-T-2IN	INVISILED™ 2 inch section
Е	LED-T-IC2	Joiner Cable
F	LED-T-L	"L" Connector
G	LED-T-1	INVISILED™ 1 foot section
ш	LED-T-EC	End Can





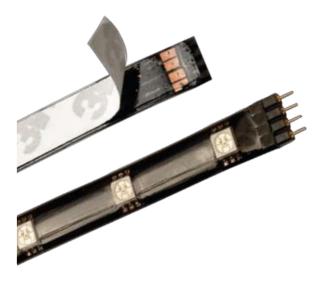


Most Sustainable Choice

### INVISILED™ SECTIONS

	Length	Wattage	Qty
LED-T-2IN LED-T-2IN-10 LED-T-1 LED-T-1-25 LED-T-5	2 inch 2 inch 1 foot 1 foot 5 foot	0.33w 0.33w 2w 2w 10w	1 10 1 25
	Color Temp.	Lm/ft	1
AM BL GR RD WT	592nm* 471nm* 523nm* 627nm* 3500K	22 20 60 35 90	
Beam	120°		

Each unit has fixed male and female connectors on each end. Requires a minimum run length of 5 feet, and are limited to a maximum run of 25 feet per 60W Class 2 power supply. \* The color of a LED is typically measured in wavelength nanometer (nm). The color temperature of white light is measured in Kelvin (K)



#### REMOTE INVISILED™ CLASS 2 POWER SUPPLY

EN-1260-RB2-T	60w
Input	120v
Output	12v
Length	6 ft

The remote power supply powers the INVISILED™ with hard wiring. A 6 feet long lead wire with female connector is included. Minimum load requirement of 10w for consistent operation



#### PLUG-IN INVISILED™ POWER SUPPLY

EN-1260-P-AR-T	60w
Input	120v
Output	12v
Length	6 ft

A 6 feet long lead wire with female connector is included and plugs into any 120v outlet. Minimum load requirement of 10w for consistent operation



### **ADDITIONAL LEAD WIRES**

**LED-T-P-2** 2 ft

**LED-T-P-12** 12 ft.

Alternative length of lead wires for plug-in or remote power supply. May be field cut for use with a remote power supply



### **JOINER CABLE**

LED-T-IC2	3"
LED-T-IC6	7"
LED-T-IC12	13"
LED-T-IC72	73"

Connects two sections of INVISILED™



#### **L CONNECTOR**

**LED-T-L** 13/8"L × 15/16"W × 1/4"H

L connector has male and female connectors and is used for interconnection of a right angle of 90°. Polarity is not a factor



### Cut end cap



#### Male end cap

#### **END CAP**

LED-T-EC	
Cut end cap	½"L × 5/16"W × 3/16"H
Male end can	16"L × 16"W × 3/6"H

LED-T-EC includes 1 cut end cap and 1 male end cap. End caps should be used to terminate every run to protect against dust ingress. See installation instructions for details



### **MOUNTING CLIPS**

LED-T-CL	1/2"
Qty	10

Mounting clips are recommended for installing INVISILED™ on porous or uneven surfaces that are difficult to permanently adhere the sections solely using its adhesive backing. Two mounting clips per foot are recommended for straight runs



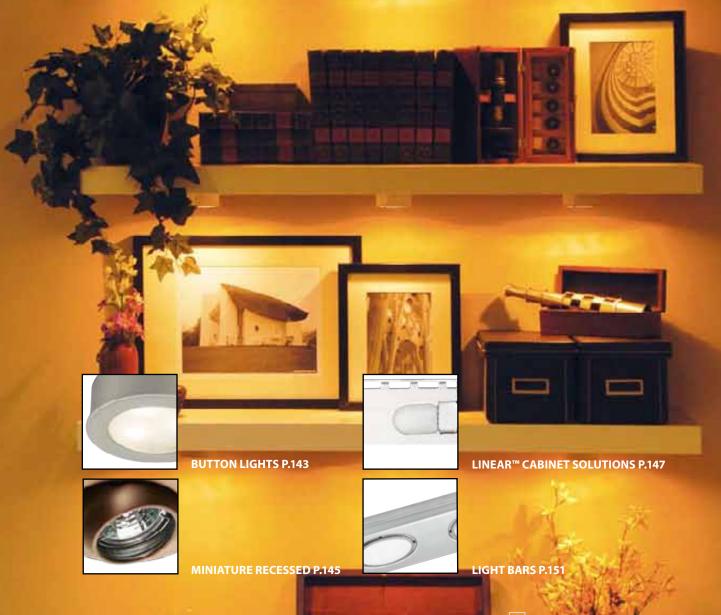
### RETROFIT CHANNEL

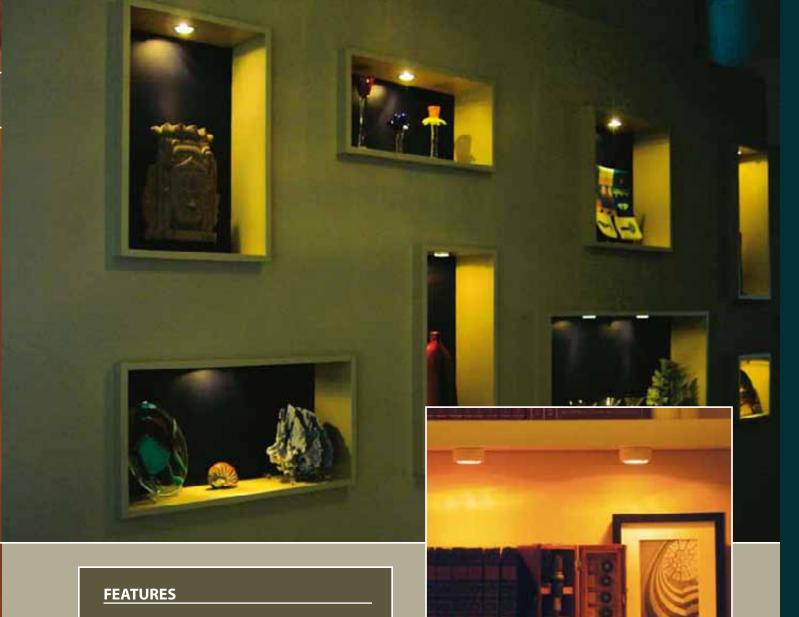
	LED-T-RC	$36$ "L $\times$ 2"W $\times$ 2"H
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Retrofit channels are used to construct a miniature cove or light baffle in which INVISILED™ may be concealed. INVISILED™ may also be mounted to the channel as a way to change the direction of the projected light. The channel has a %≥" slot every 1 inch and can be curved at a radius of 52 inches or greater. 2 inch screws are provided

# CABINET AND NICHE LIGHTING

ombining style and functionality, WAC Lighting's selection of cabinet lighting solutions includes a variety of styles, finishes and lamping options. The fixtures deliver shadow free lighting on counter work surfaces and display niches. Versatile Button Lights are available with energy efficient LEDs, as well as xenon and halogen lamping, and can be surface mounted or regressed for a built in look. Miniature recessed styles deliver a soft warm directional light while featuring a low profile shallow installation. Our slim profile LINEAR™ track disappears into cabinets and shelves while deploying balanced lighting from multiple fixtures across the space. Functional light bars utilize long life LEDs, as well as halogen, xenon and fluorescent lamps, and are available in a variety of lengths and configurations. A complete line of cabinet luminaires is offered to meet the needs of the most discriminating designer.

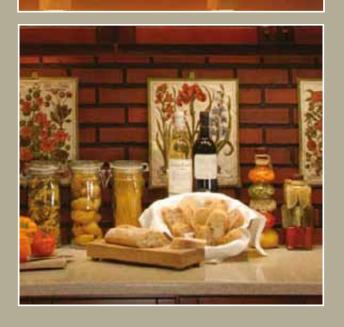




- LEDme<sup>™</sup> cabinet fixtures provide an energy efficient LED solution for applications that require shadow free crisp light output combined with long life
- Large selection of luminaire designs to select from (button lights, miniature recessed fixtures, light bars, LINEAR™ track, etc.) ensures you have the correct fixture performance to meet the unique demands of each application
- Luminaires available in a range of designer finishes (Satin Nickel, Bronze, Chrome, Black and White) to match many décors
- Five year warranty
- Many sustainable options available



Most Sustainable Choice



## LEDme™ BUTTON LIGHTS





WAC LEDme™ Button Lights deploy strong illumination for effective residential, retail and light commercial displays. Ideal for kitchen counters, curios, etageres and cabinets, LEDme™ Button Lights can be recessed or surface mounted

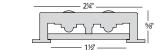
for in-cabinet and undercabinet installations. The fixtures are longlasting with a potential life of **50,000 hours** and thermally efficient for illuminating sensitive perishables and UV sensitive apparel, artwork and collectibles.





Shown as surface mounted.

Shown as recessed mounted.



### LEDme™ BUTTON LIGHT

Model	L	ED Mod	ule			Finish		
	Wattage	Color	Life	BN	CB	CH	BK	WT
HR-LED85	3 × 1w	3000K	50,000 hr.	•	•	•	•	•
Model show	n <b>HR-LED8</b>	5-BN						

LEDs included

How it works	
Step 1 Step 2 Step 2	
Step 3 St	

LED-350MA03-RB	3w	5%"×1%"	×11/8"	1 LED85
LED-350MA09-RB	9w	7%"×3%"	×11/8"	3 LED85
.ED-350MA16-RB	16w	71/8" × 31/8"	× 11/8"	4 LED85
nput	120v	50/60Hz		
or use with HR-LED85	5			

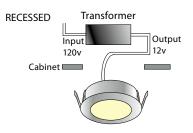
Finish Key BK-Black, BN-Brushed Nickel, CB-Copper Bronze, CH-Chrome, WT-White

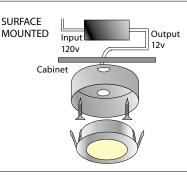


## Xenon and Halogen Button Lights

Recessed or surface mounted, Xenon and Halogen Button Lights offer low profile and shallow installation depths. Ideal for use in shelves, cabinets and displays. Constructed of steel, the fixtures require a Class 2 remote transformer.

- 2 inch cutout template included for recessed installations
- Lamp included
- Requires a Class 2 transformer (sold separately)
- · All steel construction
- Supplied with 72 inch wires
- Dual mounting options
- · Low profile and shallow installation depths are ideal for tight spaces









ustainable Choice



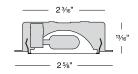




Shown as recessed mounted. Total extension is 1/8

### Optimal Choice

- Xenon lamps last 10,000 hours
- Cooler burning than Halogen



### **XENON BUTTON LIGHT**

Model		Lamp				Fin	ish		
	20w max	Color	Life	BK	BN	CB	CH	PB	WT
HR-86	BP20	2700K	10,000 hr.	•	•	•	•	•	•
Model sh	nown HR-86-	ВК							

Lamp included. Requires a Class 2 remote transformer



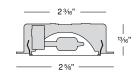


Shown as surface mounted. Total height is 1"



Shown as recessed mounted. Total extension is 1/8"

- Halogen lamps emit a warmer light
- Emits a whiter light



### HALOGEN BUTTON LIGHT

Model		Lamp				Fin	ish		
	20w max	Color	Life	BK	BN	CB	CH	PB	WT
HR-88	JC-20	3000K	2000 hr.	•	•	•	•	•	•
	110.00	<u> </u>							

#### Model shown HR-88-CB

Lamp included. Requires a Class 2 remote transformer



### **CLASS 2 ENCLOSED ELECTRONIC TRANSFORMERS**

	Input	Output	Dimensions
EN-1260-RB2	120v	12v (1 × 60w)	6 %"×1 %"×1 %"
EN-12120-RB2*	120v	$12v (2 \times 60w)$	6" × 3 ¼" × 2 5%"
EN-12180-RB2*	120v	$12v (3 \times 60w)$	6 3/4" × 3 5/8" × 2 5/8"
EN-12300-RB2*	120v	$12v (5 \times 60w)$	8 ¼" × 4 5/8"× 2 5/8"

\*Models with LED indicator lights and interal push in terminals Enclosed Class 2 transformers have multiple outputs in 60w increments.



#### LENS-45-FR Finish FR For use with HR-86 and HR-88.

Finish Key BK-Black, BN-Brushed Nickel, CB-Copper Bronze, CH-Chrome, FR-Frosted, PB-Polished Brass, WT-White





### MINIATURE RECESSED

The Miniature Recessed family of luminaires offers five styles of fixtures including directional, eyeball, gimble and glass enclosed fixtures for a soft warm light. Employing either a JC-20 or MR-11 lamp, each fixture offers a strong light source in a tiny package that uses minimal space. Perfect for under kitchen cabinets, in cabinets, curios and etageres, above mirrors for a theatrical effect, and ideal for shadowboxes and dramatic retail displays.





- · Recessed fixture for use in shelving, cabinets and displays
- Shallow installation depth ideal for use in tight spaces
- · Mounts quickly with butterfly clips
- · Requires a Class 2 transformer to be ordered separately
- Housing included







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_	ΥI	_	m.	н	ш	

Model	Lamp		Finish	
	35w max	BK	CB	WT
HR-1135	MR11	•	•	•

Model shown HR-1135-CB Order lamp separately





### **GIMBAL RING**

Model	Lamp		Fir	nish		
	20w max	BK	BN	CB	CH	WT
HR-1137	MR11	•	•	•	•	•
Model sho	wn <b>HR-1137</b>	-вк				

Order lamp separately



Finish Key BK-Black, BN-Brushed Nickel, CB-Copper Bronze, CH-Chrome, WT= White



### **DOWNLIGHT**

Model	Lamp		Fir	ish		
	20w max	BK	BN	СВ	CH	WT
HR-1136	MR11	•	•	•	•	•
Model sho	wn HR-1136	-WT				

Order lamp separately

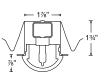


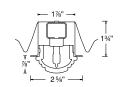












### **HALOGEN FROSTED LENS**

Model	Lamp	Fir	ish
	20w max	BN	WT
HR-1138	JC-20	•	•
HR-1139	JC-20		•
Example <b>H</b>	R-1138-BN		

Lamps included. Glass twists to relamp

### WIRING INSTRUCTIONS FOR TRANSFORMERS

- Transformers should be installed in cool dry areas and accessible for service
- 2. One half inch knock out may be used for in and out wiring
- 3. There are two terminals per output circuit (total 2 circuits)
- 4. Use minimum #18 AWG, maximum #12 AWG for output wire with a minimum temperature rating of 105  $^{\circ}\text{C}$
- 5. High frequency output is only readable with a true RMS meter, with sufficient range capability
- 6. A disconnect device will be included in the field wiring

### Class 2 Enclosed Electronic Transformers

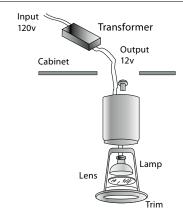
• Secondary wiring for Class 2 transformers does not require conduit or clamp wiring techniques which are suitable for most cabinet listed fixtures

### **CLASS 2 ENCLOSED ELECTRONIC TRANSFORMERS**

Input	Output	Watt	1	Dimensi	ons
			L	W	Н
120V	12V	1 x 60w	65/8	15/8"	1 1/8"
120v	12v	$2 \times 60 w$	6"	3 1/4"	25/8"
120v	12v	$3 \times 60 w$	63/4"	35/8"	25/8"
120v	12v	$5 \times 60 w$	8 1/4"	45/8"	25/8"
	120V 120v 120v	120V 12V 120v 12v 120v 12v	120V 12V 1 x 60w 120v 12v 2 x 60w 120v 12v 3 x 60w	120V 12V 1 x 60w 65/8 120V 12V 2 x 60w 6" 120V 12V 3 x 60w 63/4"	120V 12V 1 x 60w 65% 15%" 120v 12v 2 x 60w 6" 314" 120v 12v 3 x 60w 634" 35%"

Enclosed Class 2 transformers have multiple outputs in 60w increments

- \* Equipped with on/off toggle switches and LED status indicators for each circuit A solid green light indicates a complete circuit
  - A slow blinking light indicates an open, unused circuit
  - A fast blinking light indicates a short circuit problem in that circuit







EN-12300-RB2

### **UL LISTED CLASS 2 PLUG-IN ELECTRONIC TRANSFORMERS**

Model	Input	Output	Watt	Fii	nish	Di	mensio	ns
				BK	WT	L	W	Н
EN-1260-P-AR	120v 50/60Hz	12v	60w	•	•	2 ¾"	1 5/8"	1 3/4"
Evample order: EN	1260 D AD DV							

Plug-in power supply with on/off toggle switch and 6' detachable cord Class 2 transformers are required for most cabinet listed fixtures









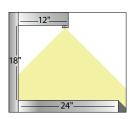
### LINEAR™ CABINET SOLUTIONS

Our Low Voltage LINEAR™ Cabinet Solutions feature a 3/8-inch profile that is inconspicuous when regressed for a built-in-cabinet look or surface mounted vertically or horizontally for a variety of display applications. Ideal for lighting smaller and hard to reach spaces, the versatile LINEAR™ Track offers miniature fixtures that deliver high output lighting while using a number of small evenly spaced light sources. The LINEAR™ System requires little

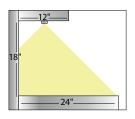
space and offers unparalleled design flexibility. Fixtures may be spaced anywhere along the miniature track, making it possible to highlight task areas with an even distribution of light. Lamp choices range from 0.6 to 20 watts, allowing illumination levels from a subtle glow to a brilliant light. Five-watt lamps spaced six inches apart are recommended for general task lighting purposes. Three-watt lamps spaced six inches apart works well for lighting over the cabinet.

### **Mounting Options**

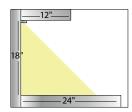
#### Front Mount



**Center Mount** 

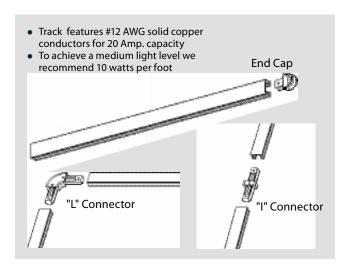


Rear Mount



The LINEAR™ cabinet solutions are ideal for illuminating an entire kitchen display; cove lighting on the top of the cabinets as well as undercabinet task lighting.

It can also be used for displays where you can use different spacing for a different feel. See p.163 for additional track information.







#### 4-FOOT AND 8-FOOT TRACK SECTIONS ST4 45¾" 34" × 38' 93¾" 34" × 3/8" ST8 Finish BK, WT Power 20A max. 12v 240w max. 24v 480w max. Supplied with one (1) matching end cap and mounting hardware

c (UL) us

 SLB4
 4' × 1%" × 1%"

 SLB8
 8' × 1%" × 1%"

 Finish
 PT, WT

The SLB Light Baffle shields the LINEAR™ track and fixtures from view. The baffle is constructed of extruded aluminum. Baffle may be cut or painted in the field. Ideal for undercabinet use, armoires, shelves and display cases

Finish Key BK-Black, PT-Platinum, WT-White

## LINEAR™ cabinet solutions and components



### LIVE END CONNECTOR

SLE	23/8" × 3/4" × 3/8"
Finish	BK, WT

For use with Class 2 tranformers or with surface mount LINEAR™ transformers only



#### LIVE END CONNECTOR WITH WIRING COMPARTMENT

SBXLE	3"×1%"×1"	
Finish	BK, WT	

Live end connector with wiring compartment and standard knockout for safe connections. For use with remote transformers



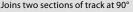
### "I" CONNECTOR

SI	21/8" × 3/4" × 3/8"			
Finish	BK, WT			
Straight line connector Joins two sections of track				



#### "L" CONNECTOR

SL	1%"×1%"×%"	
Finish	BK, WT	
1.1		





### **JUMPER SET**

SJS	12"× ¾"× ¾"
Finish	BK, WT

12" flexible connector connects two sections of track. Wire may be field cut



### **END CAP**

SEC	1"×3⁄4"×3⁄8"
Finish	BK, WT

Additional end caps ordered when the track is cut into two or more sections in the field

### LINEAR™ Transformers



### **SURFACE MOUNT TRANSFORMER**

SST-60E	60w	5%"×1½"×1%"
SST-150E	150w	8¼"×2¼"×15%"
Finish	BK, WT	

The SST-60E and the SST-150E have a built in

on/off switch. Surface mounted 60w or 150w electronic transformer for installation at the end of a track or remote. Knockouts at each end for track sections. Live End Connector (SLE) is required for each track section to be powered

## Remote Magnetic Transformers

### 12 VOLT MAGNETIC TRANSFORMER

Wattage	Model	Breakers	Dimensions
300w	SRT-300M-12V	1	8¾"×4¼"×3¾"
500w	SRT-500M-12V*	2	$9\frac{1}{2}$ " × $6\frac{1}{4}$ " × $4\frac{3}{4}$ "
1000w	SRT-1000M-12V	4	10½"×6¼"×55%"

Do not exceed the 20A rating of the Linear system (W / V = I)

### 24 VOLT MAGNETIC TRANSFORMER

Wattage	Model	Breakers	Dimensions
500w	SRT-500M-24V	1	9½"×6¼"×4¾"
1000w	SRT-1000M-24V	2	$10\%" \times 6\%" \times 5\%"$







300w 500w 1000w

Finish Key BK-Black, WT- White  ${}^{\circ}$   ${}^{\circ}$   ${}^{\circ}$   ${}^{\circ}$   ${}^{\circ}$ 

### Remote Electronic Transformers

### 12 VOLT ELECTRONIC TRANSFORMER

Wattage	Model	Dimensions
60 max	EN-1260-RB-AR	6%"× 1%"× 1%"
60 max	EN-1260-RB2*	65/8" × 15/8" × 11/8"
75 max	EN-1275-RB-AR	65%" × 15%" × 11%"
100 max	EN-12100-RB-AR	$6\%'' \times 3'' \times 1\%''$
150 max	EN-12150-RB-AR	$6\%'' \times 3'' \times 1\%''$
250 max	EN-B12PY-AR	6½" × 3¾" × 2½"

<sup>\*</sup> Class 2 transformers permit secondary wiring without conduit or clamp wiring techniques

### 24 VOLT ELECTRONIC TRANSFORMER

Wattage	Model	Dimensions
150 max	EN-24150-RB-AR	6¼" × 3" × 15%"
300 max	EN-B24PZ-AR	6½" × 3¾" × 2½"





### **VOLTAGE DROP GUIDELINES** (based on 10 gauge wire)

Remote Transformers	Max monorail run length	Max distance to power feed		
SRT-300M-12V	1 x 40'	10 ft		
SRT-500M-12V	2 × 40'	10 ft		
SRT-1000M-12V	4 × 40'	10 ft		
SRT-500M-24V	40'	10 ft		
SRT-1000M-24V	2×40'	10 ft		

Ensure 12v is supplied at power feeds with the use of multi tap outpt terminals in the manetic transformer

## LINEAR™ CABINET SOLUTIONS





### SINGLE LAMP FIXTURE

Model	l	amp		Fir	ish	Dimensions
	Xenon	Volt	Watt	BK	WT	
SBH-101	Wedge Base	12v 24v	5w max 7.5w max	•	•	$1\frac{1}{2}$ " × $\frac{5}{8}$ " × $\frac{3}{8}$ " with lamp.
Order lamp s	eparately					
Model show	vn <b>SBH-101-W1</b>	Г				

Shown at actual size

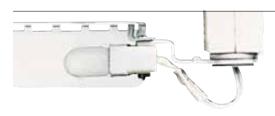


### ADJUSTABLE REFLECTOR

Model		Lamp			ish	Dimensions
	Xenon	Volt	Watt	BK	WT	
SBH-102	Wedge Base	12v 24v	2×5w max 2×7.5w max	•	•	2¾" × 1" × 5/8"
Order Jamns	cenarately					

Model shown SBH-102-WT

Shown at actual size



### SWIVEL FIXTURE WITH REFLECTOR

Model		Lamp		Finish		Dimensions
	Xenon	Volt	Watt	BK	WT	
SBH-105	Bi-Pin	12v 24v	20w max 20w max	•	•	27/8" × 1" × 13/8"
Order lamp se	parately					

Model shown SBH-105-BK

Shown at actual size



### REFLECTOR FIXTURE

Model		Lamp Finish Di		Finish		Finish		Finish		Dimensions
	Xenon	Volt	Watt	BK	WT					
SBH-110	Rigid Loop	12v 24v	10w max 10w max	•	•	21/8" × 1/2" × 5/8"				
Order lamp so	eparately									
Model show	/n <b>SBH-110-W</b>	Т								

Shown at actual size



Shown at actual size. Shown with LED Festoon lamp





Shown at actual size. Shown with Xenon Festoon lamp

- LED has directional light which can be adjusted by rolling the festoon lamp in the holder
- 30° beam angle

### **FESTOON LAMP HOLDER**

Model	Fin	ish	Light Source			Dimensions
	BK	WT		Volt	Watt	
SBH-210	•	• LED-FS-60 12v Xenon Festoon 12v		01011	21/8" × 5/8" × 3/4"	

Model shown SBH-210-BK

Finish Key BK-Black, WT- White Ulbus













### XENON BI-PIN 12/24V

	Lumens	Rated Hrs	Watt
BP-15-12V	144	10,000	15w
BP-20-12V	144	5,000	15w
BP-15-24V	192	10,000	20w
BP-20-24V	192	5,000	20w
Finish	CL, FR		



### XENON RIGED LOOP 12/24V

	Lumens	Rated Hrs	Watt
XL-5-12V	44	20,000	5w
XL-10-12V	92	20,000	10w
XL-5-24V	39	20,000	5w
XL-10-24V	87	20,000	10w
Finish	CL FR		





### XENON WEDGE BASE 12/24V

	Lumens	Rated Hrs	watt
T3-3-12V	14	30,000	3w
T3-5-12V	31	12,000	5w
T3-5-24V	36	10,000	5w
T3-7.5-24V	63	10,000	7.5w
Finish	CL, FR		



### XENON FESTOON 12/24V

X2.10.11.20.0011.12,2.11								
	Wattage	Lumens	Rated hrs					
XF-5-12V	5w	50	5,000					
XF-10-12V	10w	120	5,000					
XF-5-24V	5w	50	5,000					
XF-10-24V	10w	120	5,000					
Finish		CL FR						



### **LED FESTOON 12V**

	Lumenss	Rated Hrs	Wattage					
LED-FS-60	19	50,000	0.6w					
Finish	CL							
	Lamp produces a directional light which can be adjusted by rolling the festoon lamp in the holder							

Finish Key CL-Clear, FR-Frosted (U) us





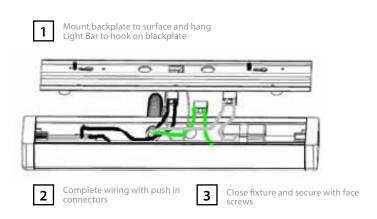
## LEDme™ LIGHT BARS

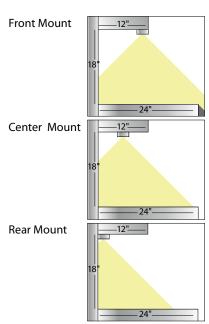
WAC's LEDme™ light bars bring out the best in bold, eyecatching residential, retail and light commercial displays. Ideal for kitchen counters, curios, etageres and cabinets. Undercabinet LED light bars are long lasting with a life of

**50,000 hours**. The thermally efficient fixtures are crafted for lighting heat sensitive perishables and UV sensitive apparel, artwork and collectibles.



### Installs Easily Under Cabinet





## LEDme™ light bars





	Model	LED Module			Finish			Dimensions
6 Inches		LED	Lumens	Color	BB	SN	WT	
2 Lights	BA-LED2	$2 \times 1 w$	130	3000K	•	•	•	6" L × 2¾" W × 1 ½" H

LEDs included. Integral driver



	Model	LED Module			Finish			Dimensions
12 Inches		LED	Lumens	Color	BB	SN	WT	
4 Lights	<b>BA-LED4</b>	$4 \times 1 w$	260	3000K	•	•	•	12" L × 2¾" W × 1 ½" H

LEDs included. Integral driver



	Model	LED Module			Finish			Dimensions
18 Inches		LED	Lumens	Color	BB	SN	WT	
6 Lights	BA-LED6	6 × 1w	390	3000K	•	•	•	18" L × 2¾" W × 1 ½" H

LEDs included. Integral driver



	Model		LED Modul	le		Finish		Dimensions
24 Inches		LED	Lumens	Color	BB	SN	WT	
8 Lights	<b>BA-LED8</b>	$8 \times 1 w$	520	3000K	•	•	•	24" L × 2¾" W × 1 ½" H

LEDs included. Integral drivers



	Model	L	ED Module	2		Finish		Dimensions
30 Inches		LED	Lumens	Color	BB	SN	WT	
10 Lights	BA-LED10	10 × 1w	650	3000K	•	•	•	30" L × 2¾" W × 1 ½" H

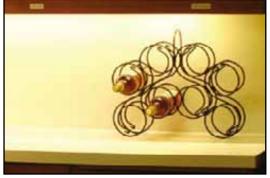
LEDs included. Integral drivers

### 6 Light 18 inch LEDme™ Light Bar

A six watt LEDme™ Light Bar performs as well as a 54 watt low voltage Xenon Light Bar



### 3 Light 19 inch Architectural Low Voltage Xenon Light Bar



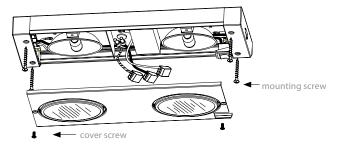
Finish Key BB-Bronze, SN-Satin Nickel, WT-White



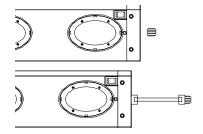
## ARCHITECTURAL LOW VOLTAGE XENON LIGHT BARS

### Installation Easy as 1-2-3

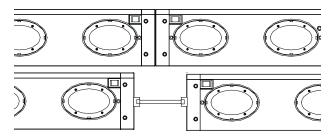
1 Assemble first fixture and mount with face screws



2 Insert "I" Connector or insert Interconnect Cable



Join to second fixture and mount with face screw
Second Fixture does not need to be opened prior to installation
No additional wiring needed



Architectural low voltage Xenon light bars are longer lasting and cooler burning than Halogen options. In an attractive package. Supplied with an "I" connector for direct fixture to fixture use. Optional interconnect cables and power cords are available. Equipped with WAC low voltage transformers. May be dimmed using a low voltage electronic dimmer.

### **Optimal Choice**

- Individual reflectors and frosted lenses for light control and easy relamping
- Low voltage 18w Xenon lamps last 10,000 hours
- · Cooler burning than Halogen
- · Light remains 6 inch on center when installed end to end
- Fixtures prewired to power through knockouts and poke home connectors or end to end with "I" connectors or interconnect cables
- Will generally work with standard dimmers but low voltage electronic dimmers are recommended
- · Integral electronic transformers



### Creates a Finished and Even Light Distribution

Front Mounted Black Granite



Front Mounted White Granite



Front Mount

18"

Center Mount

18"

Rear Mount

18"

## architectural low voltage xenon light bars





9½ Inches         Xenon wedge-base         Lumens         BB         SN         WT           1 Light         BA-X1         1 × 18w         264         •         •         •         9½"L×4½"W×1½"H		Model	Lamp			Finish		Dimensions
1 Light <b>BA-X1</b> 1 × 18w 264 • • 9¼" L × 4½" W × 1½" H	9¼ Inches		Xenon wedge-base	Lumens	BB	SN	WT	
	1 Light	BA-X1	1 × 18w	264	•	•	•	9¼" L×4½" W×1¼" H

Lamp included



	Model	Lamp			Finish		Dimensions
13 Inches		Xenon wedge-base	Lumens	BB	SN	WT	
2 Lights	BA-X2	2 × 18w	528	•	•	•	13"L×4%"W×1¼"H

Lamps included



	Model	Lamp			Finish		Dimensions
19½ Inches		Xenon wedge-base	Lumens	BB	SN	WT	
3 Lights	ВА-ХЗ	3 × 18w	792	•	•	•	19½" L×4½" W×1¼" H

Lamps included



	Model	Lamp			Finish		Dimensions
26 Inches		Xenon wedge-base	Lumens	BB	SN	WT	
4 Lights	BA-X4	4 × 18w	1056	•	•	•	26"L×41/8"W×11/4"H

Lamps included



	Model	Lamp			Finish		Dimensions
39 Inches		Xenon wedge-base	Lumens	BB	SN	WT	
6 Lights	BA-X6	6 × 18w	1584	•	•	•	39"L×41/8"W×11/4"H

Lamps included

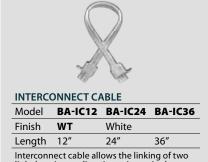


Easy to connect grounded power cord requires no additional wiring for installation. Allows Light Bars to be powered in any application



# "I" CONNECTOR Model BA-I Finish WT White

Interconnection system for seamless end to end transitions. An "I" Connector is included with each light bar



Interconnect cable allows the linking of two light bars in any direction using a single power connection. Perfect for joining fixtures at a corner to maintain even light distribution

Finish Key BB-Bronze, SN-Satin Nickel, WT-White

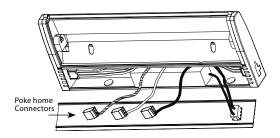




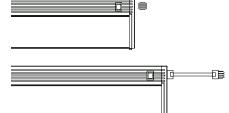
## ARCHITECTURAL FLUORESCENT LIGHT BARS

### Installation Easy as 1-2-3

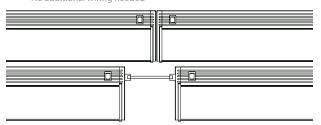
1 Assemble first fixture and mount with face screws



2 Insert "I" Connector or insert Interconnect Cable



Join to second fixture and mount with screw behind diffuser Second Fixture does not need to be opened prior to installation No additional wiring needed



Architectural fluorescent light bars provide cool operation and high efficiency. Hinged one-piece diffuser spreads light evenly and is easily opened for relamping. Supplied with an on-off switch and an "I" connector for fixture to fixture direct connection. Optional interconnect cables and power cords are available. Knockouts provided on top and rear for hard wiring.

- · Integral electronic ballast
- Continuous Lexan™ diffuser hinged design for convenient relamping
- · Continuous anodized specular reflector
- On/Off Switch
- · Available in Bronze, Satin Nickel and White finishes
- · Robust extruded aluminum construction
- Fixtures pre wired to power through knockouts and Poke home connectors or end to end with "I" connectors or interconnect cables



### Smooth End to End Transitions

Front Mounted Black Granite



Front Mounted White Granite



Front Mount

18"

Center Mount

18"

Rear Mount

18"

## architectural fluorescent light bars





Model	Lamp			Finish		Dimensions
13 1/8 Inches	Fluorescent T5	Lumens	BB	SN	WT	
BA-F108	1 × F8T5, 8w	340	•	•	•	13 %" L × 5" W × 1 ¼" H

Order lamp separately. Select from a range of color temperature choices



Model	Lamp			Finish		Dimensions
22 Inches	Fluorescent T5	Lumens	BB	SN	WT	
BA-F113	1 × F13T5, 13w	750	•	•	•	22" L × 5" W × 1 ¼" H

Order lamp separately. Select from a range of color temperature choices



Model	Lamp			Finish		Dimensions
25% Inches	Fluorescent T5	Lumens	BB	SN	WT	
BA-F208	2 × F8T5, 8w	680	•	•	•	25%" L × 5" W × 1¼" H

Order lamps separately. Select from a range of color temperature choices



Model	Lamp			Finish		Dimensions
34% Inches	Fluorescent T5	Lumens	BB	SN	WT	
BA-F813	1 × F8T5+1 × F13T5, 21w	1020	•	•	•	34%" L × 5" W × 11/4" H

Order lamp separately. Select from a range of color temperature choices



Model	Lamp			Finish		Dimensions
43 ¼ Inches	Fluorescent T5	Lumens	BB	SN	WT	
BA-F213	2 × F13T5, 26w	1500	•	•	•	43 ¼" L × 5" W × 1 ¼" H

Order lamp separately. Select from a range of color temperature choices



WT Finish White Length

Easy to connect grounded power cord requires no additional wiring for installation. Allows Light Bars to be powered in any application



#### "I" CONNECTOR Model BA-I

Finish WT White

Interconnection system for seamless end to end transitions. An "I" Connector is included with each light bar



### INTERCONNECT CABLE

Model	BA-IC12	BA-IC24	BA-IC36
Finish	WT	White	
Length	12"	24"	36"

Interconnect cable allows the linking of two light bars in any direction using a single power connection. Perfect for joining fixtures at a corner to maintain even light distribution

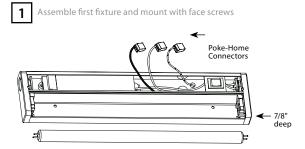
Finish Key BB-Bronze, SN-Satin Nickel, WT-White CUL) US





### FLUORESCENT LIGHT BARS

### Installation Easy as 1-2-3



2 Insert "I" Connector or insert Interconnect Cable

3 Join to second fixture and mount with screw behind diffuser Second Fixture does not need to be opened prior to installation No additional wiring needed

Fluorescent light bars are less than one inch deep. This series combines the energy efficiency and cool operation of fluorescent lamps in a low profile undercabinet fixture. One-piece polycarbonate diffuser for even light distribution. Supplied with an on/off switch and an "I" connector for direct fixture to fixture use. Optional interconnect cables and power cords are available. Knockouts provided on top and rear for hard wiring.

- Integral electronic ballast
- Continuous Snap-in Lexan™ diffuser for wide light distribution
- On/Off Switch
- · Available in White and Bronze finish
- Low profile 7/8" height
- Fixtures prewired to power through knockouts and poke home connectors or end to end with "I" connectors or interconnect cables
- Available in single lamped options up to 58 inches long for easy above cabinet installations



### Leaves Only a Minimal Linear Reflection

Front Mounted Black Granite



Front Mounted White Granite



Front Mount

18"

Center Mount

18"

Rear Mount

18"

24"

## fluorescent light bars





Model	Lamp			Fir	nish	Dimensions
12% Inches	Fluorescent T5	Color	Lumens	BB	WT	
BA-BF-08	1 × F8T5, 8w	3000K	340	•	•	12%" L×2%" W×%" H

Lamp included



Model	Lamp			Fin	ish	Dimensions
21% Inches	Fluorescent T5	Color	Lumens	BB	WT	
BA-BF-13	1 × F13T5, 13w	3000K	750	•	•	21%" L × $2%$ " W × $%$ " H

Lamp included



Model	Lamp			Fin	ish	Dimensions
34% Inches	Fluorescent T5	Color	Lumens	BB	WT	
BA-BF-21	1 × F21T5, 21w	3000K	1020	•	•	34%" L×2%" W×%" H

Lamp included



Model	Lamp			Fin	nish	Dimensions
46½ Inches	Fluorescent T5	Color	Lumens	BB	WT	
BA-BF-28	1 × F28T5, 28w	3000K	1540	•	•	46½" L×2%" W×%" H

Lamp included



Model	Lamp			Fir	nish	Dimensions
58¼ Inches	Fluorescent T5	Color	Lumens	BB	WT	
BA-BF-35	1 × F35T5, 35w	3000K	2100	•	•	58¼" L × 2%" W × %" H

Lamp included



Model BA-BF-PC6 WT White Finish Length 6'

Easy to connect grounded power cord requires no additional wiring for installation. Allows Light Bars to be powered in any application



Model BA-BF-I WT White

Interconnection system for seamless end to end transitions. An "I" Connector is included with each light bar



### INTERCONNECT CABLE

Model	BA-BF-IC12	BA-BF-IC24	BA-BF-IC36
Finish	WT	White	
Length	12"	24"	36"

Interconnect cable allows the linking of two light bars in any direction using a single power connection. Perfect for joining fixtures at a corner to maintain even light distribution

Finish Key BB-Bronze, WT-White cultures

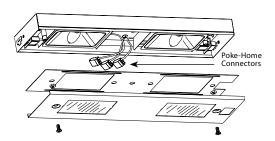




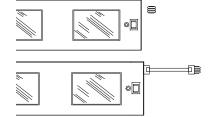
## PREMIUM LINE VOLTAGE XENON LIGHT BARS

### Installation Easy as 1-2-3

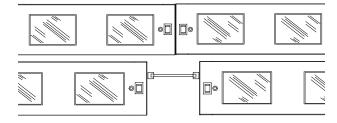
1 Assemble first fixture and mount with face screws



2 Insert "I" Connector or insert Interconnect Cable



3 Join to second fixture and mount with screws inside second fixture No additional wiring needed



Premium line voltage Xenon light bars utilize cool burning lamps with a long life. No transformer is required. Fixtures are equipped with on-off, high-low dimmer switches and may be left on the "high" setting and dimmed from an incandescent wall dimmer. Supplied with an "I" connector for direct fixture to fixture use. Optional interconnect cables and power cords are available. Knockouts provided on top and rear for hard wiring.

- 25w Xenon Bi-pin lamps included
- · No transformer required
- · Dimmable with standard incandescent dimmers
- Individual frosted lenses of borosilicate glass for true white light
- Individual reflectors
- · Hi-low, on-off switch
- · Available in Bronze, Satin Nickel and White finishes
- Steel construction
- 1 inch height
- Fixtures prewired to power through knockouts and poke home connectors or end to end with "I" connectors or interconnect cables



### Creates a Clean, Clear and Even Reflection

Front Mounted Black Granite



Front Mounted White Granite



Front Mount

18"

Center Mount

18"

Rear Mount

18"

18"

## premium line voltage xenon light bars



	Model	Lamp		Finish		Dimensions	
6 Inches		Xenon Bi-pin	Lumens	BB	SN	WT	
1 Light	BA-LIX-1	1 × 25w	260	•	•	•	6" L × 3 1/8" W × 1" H

Lamp included



	Model	Lamp	Finish			Dimensions	
12 Inches		Xenon Bi-pin	Lumens	BB	SN	WT	
2 Lights	BA-LIX-2	2 × 25w	520	•	•	•	12" L × 3 1/8" W × 1" H

Lamps included



	Model	Lamp	Finish			Dimensions	
18 Inches		Xenon Bi-pin	Lumens	BB	SN	WT	
3 Lights	BA-LIX-3	3 × 25w	780	•	•	•	18" L × 3 1/8" W × 1" H

Lamps included



	Model	Lamp	Finish			Dimensions	
24 Inches		Xenon Bi-pin	Lumens	BB	SN	WT	
4 Lights	BA-LIX-4	4 × 25 w	1040	•	•	•	24" L × 3 1/8" W × 1" H

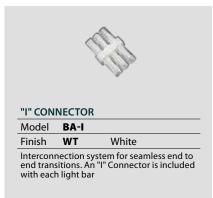
Lamps included

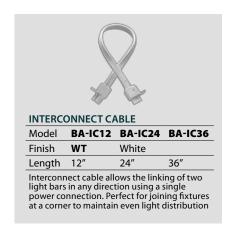


	Model	Lamp		Finish		Dimensions	
36 Inches		Xenon Bi-pin	Lumens	BB	SN	WT	
6 Lights	BA-LIX-6	6 × 25w	1560	•	•	•	36" L × 3 1/8" W × 1" H

Lamps included







Finish Key BB-Bronze, CH-Chrome, SN-Satin Nickel, WT-White of the state of the stat

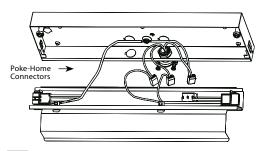




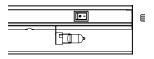
### LINE VOLTAGE XENON LIGHT BARS

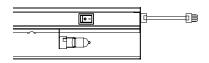
### Installation Easy as 1-2-3



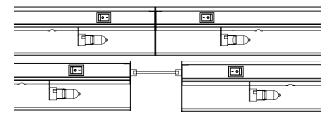


2 Insert "I" Connector or insert Interconnect Cable





Join to second fixture and mount with face screw Second fixture does not need to be open prior to install No additional wiring needed



Line voltage Xenon light bars utilize long lasting lamps. No transformer is required. Fixtures are equipped with a single frosted glass lens and an on/off, high/low dimming switch. The switch may be left on the "high" setting and dimmed from an incandescent wall dimmer. Supplied with an "I" connector for direct fixture to fixture use. Optional interconnect cables and power cords are available. Knockouts provided on top and rear for hard wiring.

- 25w Bi-pin Xenon lamps (10,000 hour life) included
- · No transformer required
- · Dimmable with standard incandescent dimmers
- One piece frosted glass lens attached with thumb screws for easy relamping
- · Continuous anodized specular reflector
- · Hi/low, on/off switch
- · Available in White and Bronze finish
- Powder coated steel construction
- 1 inch height
- Fixtures prewired to power through knockouts and poke home connectors or end to end with "I" connectors or interconnect cables
- Borosilicate glass lenses ensure clean white light whereas soda-lime glass leave a green hue



Black Granite

Front Mounted

Front Mounted White Granite



Front Mount

18"

Center Mount

18"

Rear Mount

18"

18"

## line voltage xenon light bars



Xenon Bi-pin         Lumens         BB         WT           1 Light         BA-BX-1         1 × 25w         260         •         7" L × 3%" W × 1" H		Model	Lamp	Lamp			Dimensions
1 Light <b>BA-BX-1</b> 1 × 25w 260 • 7" L × 31/8" W × 1" H			Xenon Bi-pin	Lumens	BB	WT	
	1 Light	BA-BX-1	1 × 25w	260	•	•	7" L × 3 1/8" W × 1" H

Lamps included



	Model	Lamp	Finish		Dimensions	
		Xenon Bi-pin	Lumens	BB	WT	
2 Lights	BA-BX-2	$2 \times 25 w$	520	•	•	12" L × 3 8" W × 1" H

Lamps included



	Model	Lamp	Finish		Dimensions	
		Xenon Bi-pin	Lumens	BB	WT	
3 Lights	BA-BX-3	3 × 25w	780	•	•	18" L × 3 1/8" W × 1" H

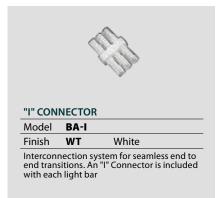
Lamps included

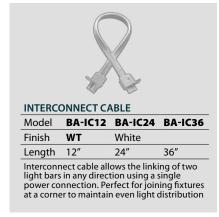


	Model	Lamp	Finish		Dimensions	
		Xenon Bi-pin	Lumens	BB	WT	
4 Lights	BA-BX-4	4 × 25w	1040	•	•	24" L × 3 1/8" W × 1" H

Lamps included







Finish Key BB-Bronze,, WT-White culture





## LINEAR™ TRACK AND COVE

AC Lighting's LINEAR™ track is an ideal solution for accent, cove and task lighting applications. Featuring hundreds of fixture options and accessories, a LINEAR™ system can easily be designed to meet even the most demanding lighting challenges. In addition, any of our hundreds of QUICK CONNECT™ fixtures



QUICK CONNECT™ FIXTURES - P.16



**COVE AND GENERAL LIGHTING - P.169** 

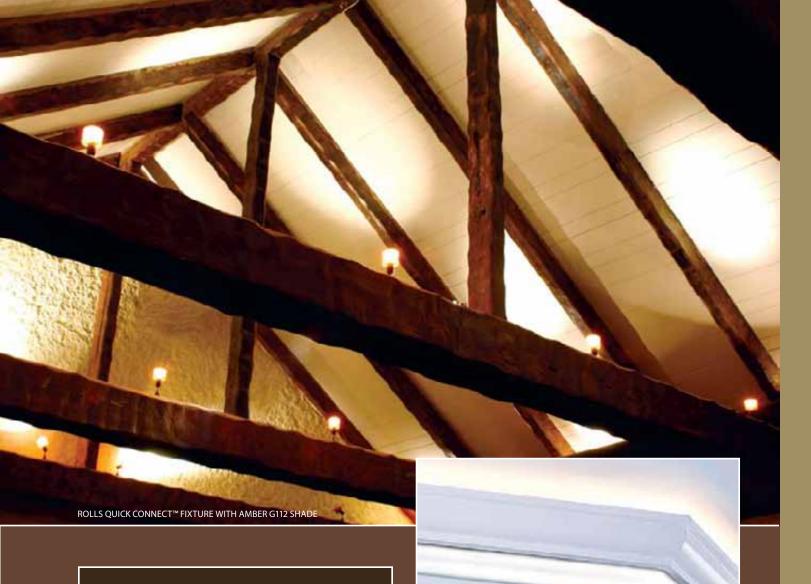


HTING - P.170

LED-FS-60 USED IN COVE FOR HIDDEN ILLUMINATING APPEARANCE



WAC LIGHTING. Responsible Lighting.



### **FEATURES**

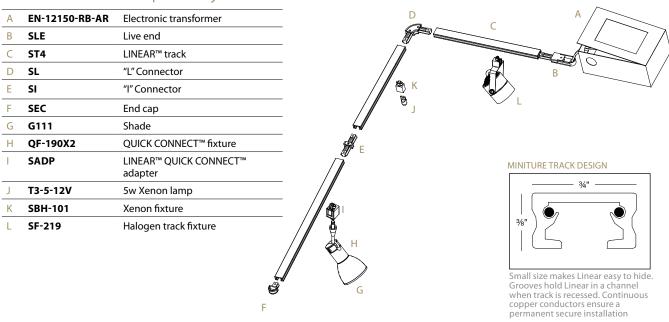
- Ideal solution for a wide range of residential, retail and hospitality applications including cove lighting, display cases, toe kicks, and under cabinet lighting
- Sleek, low-profile track (3/8") easily disappears into background and can be regressed for a built in look
- Track is constructed to provide durability
- Unlike 120v Track, QUICK CONNECT™ pendants and fixtures do not require obtrusive track mounted transformers
- Wide range of lamping and fixture options
- · Compatible with our hundreds of QUICK CONNECT™ fixtures
- Five year warranty
- Many sustainable options available



## LINEAR™ design guidelines

DETERMINE LIGHT LEVEL	Medium cove or counter top 10w per foot				
	Bright cove or counter top 20w per foot				
	Display lighting 20-50w per foot				
TOTAL THE BUILD FRETH	. , , , , , , , , , , , , , , , , , , ,				
TOTAL THE RUN LENGTH	20 foot maximum guideline for working with 12v				
	35 foot maximum guideline for working with 24v. Run length, is the distance from the transformer to the last light				
TOTAL THE WATTAGE	240w maximum if working with 12v				
	480w maximum if working with 24v				
TRANSFORMER CHOICES	Surface mount: Electronic 60w or 150w. Small, quiet, well suited for smaller runs				
	Remote: Electronic or magnetic				
	Choose magnetic for larger capacities or to minimize voltage drop (see p. 172 for voltage drop chart)				
MOUNTING OPTIONS	Track mounts to surfaces with screws, or may be placed in a rigid aluminum carrier				
	for cable suspension or wall mounting				
TIPS	Tracks are supplied with one end cap				
A live end is always the means of powering track					
	Definition of a "run" is a live end and track section				
	All switching is on primary side of transformer				
	Magnetic transformers require magnetic dimmers				
	Electronic transformers require electronic dimmers				
	Use 12 AWG wire minimum stranded wire is best				
	Remember, the low voltage LINEAR™ system has a capacity of 240w on a 12v system or 480w on a 24v system				
	The surface mount transformers are the best option for powering smaller runs where the load is 150w or less. The small size and easy installation of these transformers is best in cabinets and other low profile installations.				
	Each QUICK CONNECT™ element requires a matching SADP LINEAR™ system QUICK CONNECT™ adapter				
	Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. <b>Call 800.526.2588</b>				

## LINEAR™ sample layout



### Track Applications



With a combination of bright, steady light and the convenience of directional adjustable track heads, LINEAR™ miniature track heads are the perfect solution for work and task lighting.

If you are looking for soft, indirect lighting that sets the mood of your room, LINEAR™ xenon cove and general light fixtures are the optimal choice.



### Cove Applications



LINEAR™ functions well in small spaces such as shelving. Mount with a light baffle and paint to match your decor, allowing for a seamless integration in any situation.

■ LINEAR™ xenon cove and general light fixtures are the perfect solution for cove lighting. Cove lighting casts a gentle and even light for a soothing overall ambiance.



## LINEAR™ QUICK CONNECT™ adapter

WAC Lighting's QUICK CONNECT™ collection of pendants and fixtures features hundreds of products, including a wide array of hand blown glass designs and multiple mounting hardware options.

The threaded male adapter used on QUICK CONNECT™ fixtures makes inter-system compatibility a snap. Simply insert the metal fitting into the appropriate system adapter, hand tighten the threaded collar and you are done!

### Order one patented SADP for each QUICK CONNECT™ element

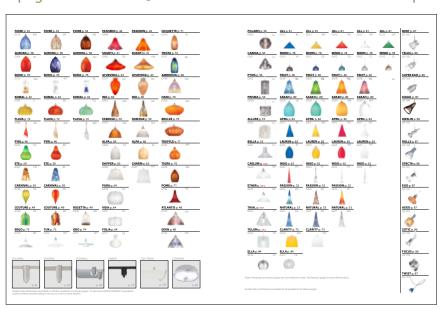


Finish Key BK-Black, WT-White





### See page 25–26 for all QUICK CONNECT™ Pendant and Fixture options



## LINEAR™ QUICK CONNECT™ fixtures

### **ROLLS**

### QF-190X2-BK with G112-AM





### ADEO

Sustainable Choice

QF-195X2-PT with G119-WT



	inish	1	Lamp	Adaptor	FIL	ish
BK	PT	WT	MR16		BK	WT
•	•	•	50w max	SADP	•	•
•	•	•	50w max	SADP	•	•
•	•	•	50w max	SADP	•	•
	BK •	BK PT	BK PT WT	BK PT WT MR16	BK PT WT MR16	BK PT WT MR16 BK  • • • 50w max SADP • SADP •

Model

### Example QF-190X2-BK

### GLASS and SHIELD OPTIONS (order separately)

OL, 100	aa 5.		110113 (0	naci sep
Mod		Dimen		Model
Etched, to	ranslucer	2 ¼"W × nt press	1 ¾"H	Etched molded
AM	BL	PE	WT	AM
Model		Dimension	S	Model

Model		imensions
<b>G112 SERIES</b>		½"W x 1 ¾"H
Etched train		
AM	BL	WT



Model		Dime	nsions	
G1145	SERIES	2 %"V	V x 2 ½"I	Н
	hand blo lass dee <sub>l</sub>			
AM	BL	GR	RD	WT



PT

CH

Model	Dimensions
G116 SERIES	2 ¼"W x 1 ¾"H
Solid metal shield	d
	<b>\</b>
	1

PT

CH

Etched har bell	nd blown o	cased glass
		9
AM	BI	WT

**G119 SERIES** 2 ½"W x 1 %"H

Dimensions

ZOTIC	
QF-196-BN	
3"	2" 111/16"

Model		Finish				Lamp	Adaptor	Fir	nish
	BK	BN	CH	PT	WT	MR16		BK	WT
QF-196	•	•	•	•	•	50w max	SADP	•	•
Order lamp	separa	tely.							

Model shown **QF-196-BN** 

Finish Key AM-Amber, BL-Blue, BN- Brushed Nickel, CH-Chrome, DB-Dark Bronze, GR-Green, PE-Peach, PT-Platinum, RD-Red, WT-White



## LINEAR™ cove and general lighting fixtures

 Xenon lamp fixtures are offered in small low profile styles, perfect for concealed spaces such as undercabinet and cove lighting applications



 Using a number of small evenly spaced light sources is an Ideal approach for producing smooth lighting





### SINGLE LAMP HOLDER

Model	Finish			Lamp		Dimensions
	BK	WT	Xenon	Volt	Watt	With Lamp
SBH-101	•	•	Wedge Base Wedge Base	12v 24v	5w max 7.5w max	1½"×5%"×3%"
Order lamp s	eparat	elv				

Model shown SBH-101-WT

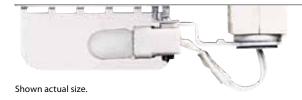


#### Shown actual size.

### DOUBLE LAMP HOLDER WITH ADJUSTABLE REFLECTOR

Model	Fin	ish		Lamp				
	BK	WT	Xenon	Volt	Watt			
SBH-102	•	•	Wedge Base	12v	2×5w max	2¾"×1"×5%"		
			Wedge Base	24v	2×7.5w max			
Order lamps	separa	itely						

Model shown SBH-102-WT



### SWIVEL FIXTURE WITH REFLECTOR

Model	Fin	ish			Dimensions	
	BK	WT	Xenon	Volt	Watt	
SBH-105	•	•	Bi-pin	12v	20w max	2%"×1"×1%"
			Bi-pin	24v	20w max	
Order lamp s	eparat	ely				

Model shown SBH-105-WT



Shown actual size.

### LAMP HOLDER WITH REFLECTOR

Model	Fin	ish			Dimensions	
	BK	WT	Xenon	Volt	Watt	
SBH-110	•	•	Rigid Loop	12v	10w max	21/8" × 1/2" × 5/8"
			Rigid Loop	24v	10w max	
Order lamp s	eparat	ely				

Model shown SBH-110-WT



Shown actual size with LED-FS-60



Most Sustainable Choice



Shown actual size with XF-10-12V

### **FESTOON LAMP HOLDER**

Model	Finish		Light Source			Dimensions
	BK	WT		Volt	Watt	
SBH-210	•	•	LED-FS-60 XF-10-12V		0.6w 10w max	21/8" × 5/8" × 3/4"
Order lamp se	parate	lv				

Model shown SBH-210-BK

Finish Key BK – Black, WT – White



## LINEAR™ miniature directional lighting fixtures

- Halogen lamp fixtures are both decorative and functional
- Fixtures can be fitted with colored lenses
- · Convenience of MR11 and MR16 lamping
- Die cast aluminum body

- · Abrasion resistant finish
- · Yoke style aiming allows easy and fine adjustment to the desired angle



Sustainable Choice



### **ROUND DIRECTIONAL SPOT**

Model	Fir	ish	Lamp			Dimensions			
	BK	WT				L	W	Н	
SF-209	•	•	MR11	12/24v	35w max	21/4"	15/8"	3%"	
SF-219	•	•	MR16	12/24v	50w max	31/8"	2¼"	43/4"	

Order lamp separately. Clear lens included. See below for lens options

Model shown SF-219-WT





#### **SOUARE DIRECTIONAL SPOT**

Model	Fir	ish	Lamp			Dimensions		
	BK	WT				L	W	Н
SF-202	•	•	MR11	12v	35w max	23/8"	15/8"	3%"
SF-212	•	•	MR16	12v	50w max	3"	2¼"	43/4"

Order lamp separately. Clear lens included. See below for lens options

Model shown SF-212-BK





### MINI GIMBAL RING

Model	Fin	nish	Lamp			ı	Dimensio	ons
	BK	WT				L	Ø	Н
SF-211	•	•	MR11	12/24v	35w max	2"	1½"	3¾"
SF-216	•	•	MR16	12/24v	50w max	3¼"	2½"	33/4"

Order lamp separately. Clear lens included. See below for lens options

Model shown SF-216-BK

Finish key BK- Black, WT-White



### LENS COMPATIBILITY (order separately)

FIXTURE	COLORED LENS	COLORED DICHROIC LENS	UV FILTER LENS	FROSTED LENS	HONEYCOMB LOUVER (glass lensed lamp required)	SPREAD LENS	BEAM ELONGATING LENS	LENS CLIP REQUIRED
LINEAR™ Sy:	stem							
SF-202	•	•						
SF-209	•	•						
SF-211	•	•			•	•	•	
SF-212	•	•	•	•				
SF-216	•	•	•	•	•	•	•	
SF-219	•	•	•	•				

See page p.193-194 for description of lens accessories

## LINEAR™ track and components



### 4-FT AND 8-FT TRACK SECTIONS

ST4 ST8	45 <sup>3</sup> / <sub>4</sub> " w <sup>3</sup> / <sub>4</sub> " × <sup>3</sup> / <sub>8</sub> " 93 <sup>3</sup> / <sub>4</sub> " w <sup>3</sup> / <sub>4</sub> " × <sup>3</sup> / <sub>8</sub> "
Finish	BK, WT
Power	20A max
12v	240w max
24v	480w max
<u> </u>	141 1 1 1

Supplied with one matching end cap and mounting hardware



### LIGHT BAFFLE

SLB4	$4' \times 1\%'' \times 1\%'$
SLB8	8' × 1%" × 1%'

PT, WT Finish

The SLB Light Baffle shields the LINEAR™ track and fixtures from view. The baffle is constructed of extruded aluminum. Baffle may be cut or painted in the field. Ideal for undercabinet use, armoires, shelves and display cases



### LIVE END CONNECTOR

SLE	23/8" × 3/4" × 3/8"	
Finish	BK, WT	

Accepts wires from transformer and connects



#### **BX LIVE END CONNECTOR** WITH WIRING COMPONENT

SBXLE	3"×1%"×1"	
Finish	BK. WT	

Live end connector with cover and standard knockout for BX or non metallic sheathed



### "I" CONNECTOR

SI	21/8" × 3/4" × 3/8"	
Finish	BK, WT	

Straight line connector Joins two sections of track



#### "I" CONNECTOR

SL	1%"×1%"×%"
Finish	BK, WT

Joins two sections of track at 90°



#### **JUMPER SET**

SJS	12"×¾"×¾"	
Finish	BK, WT	
12 in als flowible assure at an assure at a true		

sections of track. Wire may be field cut



### **END CAP**

SEC	1"×3/4"×3/8"
Finish	BK, WT

Order additional end caps when the track is cut into two or more sections in the field



### JUNCTION BOX CANOPY

SFC	45/8" × 45/8" × 21/2"	
Finish	BK.WT	

Mounts over junction box with knockouts on all four sides for the track section. A Live End Connector (SLE) is required for each track section to be powered. Mounting hardware included



### **CABLE SUSPENSION KIT**

SCK
-----

Finish	BK, PT, WT
Canopy	4¾"Ø

Used in conjunction with track carrier Allows for track suspension up to 48 inches Included are two canopies, two 48 inch suspension cables and one power feed wire



### TRACK CARRIER

SC4	4′
SC8	8′
Finish	BK, PT, WT
Dims	11/8"W×5/8"H

The extruded aluminum Track Carrier provides extra rigidity and a finished look for suspended applications. Includes two metal end caps. Adaptable for use with SLE live end connector. Field cuttable. (Track and live end connector ordered separately). Carrier sections may not be connected



#### T-BAR DROP CEILING ATTACHMENT

Attaches track to T-bar drop ceilings Use two for 4 foot tracks, four for 8 foot tracks, and six for 12 foot tracks

Finish Key BK-Black, PT-Platinum, WT- White



## LINEAR™ transformers and lamp options

### Surface Mount Transformers



### J-BOX SURFACE MOUNT TRANSFORMER

SFC-150E	150w	$5\%" \times 4\%" \times 2\%"$
Einich	BK WT	

The SFC-150E covers a standard 4 inch junction box and is a starting point for up to four separate track runs. A Live End Connector (SLE) is required for each track section to be energized (ordered separately). Mounting hardware included. Requires two STBC T-bar clips for T-bar installation



### **SURFACE MOUNT TRANSFORMER**

SST-60E	60w	5%"×1½"×1%"
SST-150E	150w	81/4" × 21/4" × 15/8"

BK, WT

The SS T-60E and the SST-150E have a built in on/off switch. Surface mounted 60w or 150w electronic transformer for installation at the end of a track or remote. Knockouts at each end for track sections. Live End Connector (SLE) is required for each track section to be powered

### Remote Magnetic Transformers

Model	Breakers	Dimensions	
SRT-300M-12V	1	8¾"×4¼"×3¾"	
SRT-500M-12V*	2	9½"×6¼"×4¾"	
SRT-1000M-12V	4	10½"×6¼"×55%	
Do not exceed the 20A rating of the Linear system (W / V = I)			
24 VOLT MAGNETIC TRANSFORMER			
	SRT-300M-12V SRT-500M-12V* SRT-1000M-12V ed the 20A rating of the L	SRT-300M-12V       1         SRT-500M-12V*       2         SRT-1000M-12V       4	

Wattage	Model	Breakers	Dimensions
500w	SRT-500M-24V	1	9½"×6¼"×4¾"
1000w	SRT-1000M-24V	2	$10\frac{1}{2}$ " × $6\frac{1}{4}$ " × $5\frac{5}{8}$ "
			•



### **VOLTAGE DROP GUIDELINES** (based on 10 gauge wire)

Remote Transformers	Max monorail run length	Max distance to power feed
SRT-300M-12V	1 x 40'	10 ft
SRT-500M-12V	2 × 40'	10 ft
SRT-1000M-12V	4 × 40'	10 ft
SRT-500M-24V	40'	10 ft
SRT-1000M-24V	2×40'	10 ft

If voltage falls 10% below rated use the multi tap output terminals

### Remote Electronic Transformers

12 VOLT ELECTRONIC TRANSFORMER			
Wattage	Model	Dimensions	
60 max	EN-1260-RB-AR	65%"× 15%"× 11%"	
60 max	EN-1260-RB2*	65%"× 15%"× 11%"	
75 max	EN-1275-RB-AR	6%"× 1%"× 1%"	
100 max	EN-12100-RB-AR	6¼" × 3" × 15%"	
150 max	EN-12150-RB-AR	$6\%'' \times 3'' \times 1\%''$	
250 max	EN-B12PY-AR	6½" × 3¾" × 2½"	

\* Class 2 transformers permit secondary wiring without conduit or clamp wiring techniques

#### 24 VOLT ELECTRONIC TRANSFORMER

Wattage	Model	Dimensions
150 max	EN-24150-RB-AR	6¼" × 3" × 15%"
300 max	EN-B24PZ-AR	6½" × 3¾"× 2½"





### **DEBUZZING COIL**

LM-DBC12-150 2%"Ø Output 12v, 150w LM-DBC12/24-300 23/8"Ø Output 12v, 150w LM-DBC12/24-600 43/8"Ø Output 12v, 150w

### Light Sources



### XENON BI-PIN 12/24V

	Wattage	Lumens	Rated hrs
BP-15-12V	15w	144	10,000
BP-20-12V	20w	192	5,000
BP-15-24V	15w	144	10,000
BP-20-24V	20w	192	5,000
Finish	CL ED		



### **XENON RIGID LOOP 12/24V**

	Wattage	Lumens	Rated hrs
XL-5-12V	5w	44	20,000
XL-10-12V	10w	96	20,000
XL-5-24V	5w	39	20,000
XL-10-24V	10w	87	20,000
Finish		CL, FR	



### XENON WEDGE BASE 12/24V

/			
	Wattage	Lumens	Rated hrs
T3-3-12V	3w	14	30,000
T3-5-12V	5w	31	12,000
T3-5-24V	5w	36	10,000
T3-7.5-24V	7.5w	63	10,000
Finish	CL, FR		



### **XENON FESTOON 12/24V**

	Wattage	Lumens	Rated hrs
XF-5-12V	5w	50	5,000
XF-10-12V	10w	120	5,000
XF-5-24V	5w	50	5,000
XF-10-24V	10w	120	5,000
Finish		CL, FR	



Finish Key CL- Clear, FR- Frosted cUL) us





# 120V TRACK SYSTEMS





### **FEATURES**

- Hundreds of different models to choose from
- Available in H, L, and J single circuit and J2 two circuit track systems for easy retrofitting on existing track systems
- Light source options include energy efficient LED, Compact Fluorescent, Metal Halide and Halogen
- QUICK CONNECT™ pendants and fixtures can be used with WAC's 120v track system when used in conjunction with a QUICK CONNECT™ adapter
- · Many track heads can be customized to fit on a surface mount canopy. Call WAC Lighting for assistance
- Five year warranty
- Many sustainable options available



Most Sustainable Choice





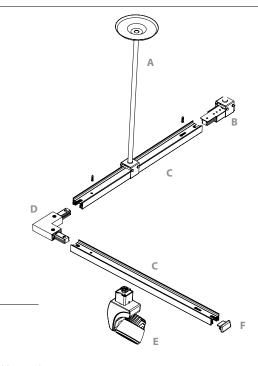
# 120V Track design guidelines

CHOOSE TRACK SYSTEM	WAC Lighting offers 4 track systems: L, H and J single circuit track systems as well as our J2 two circuit system. See page 206 and 210.
LAYING OUT THE TRACK DESIGN	Determine layout of track, choose appropriate connectors to achieve the look you desire. Mark along the ceiling to indicate the placement of the track. To ensure the track runs parallel to a wall, measure out from the wall to each end of your desired placement.
POWER	For direct to ceiling mounting connect to J box using a live end connector in conjunction with a canopy plate. For suspension mounting, connect to J box using a suspension kit canopy.
MOUNTING	For finished to mounting, screw directly into ceiling. For drop ceilings, use two T-bar clips for 2 foot or 4 foot track and three for 6 foot or 8 foot track. In order to suspend the track, determine your ceiling type, flat or sloped, and choose appropriate standoffs. Use three supports minimum for an 8 foot section and two for a 4 foot section.
JOINING RAIL SECTIONS	"I" connectors can be either conductive or non conductive. Non-conductive "I"-connectors may be used to electrically separate two runs without any visible separation to the design. Other available connectors include an X-connector, L-connector, T-connector, and a flexible track connector.
QUICK CONNECT™	QUICK CONNECT™ Fixtures and Pendants allow for an extensive selection of glass and metal elements to complement the 120v track design. All QUICK CONNECT™ elements require the appropriate QUICK CONNECT™ track adapter.
TIPS	Track is supplied with two end caps.  Custom length suspensions are possible with the use of cables or suspension rods.  Your maximum load capacity per circuit is 1920w. Determine the total wattage of the fixture before laying out the remainder of the system.  Assistance is only a phone call away. If you need help or design ideas please call WAC to speak to a friendly technical support specialist. Call 800.526.2588

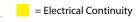
# 120V Track sample layout

Α	SK18	Track suspension rod
В	LLE	Live end connector
С	LT2	2 foot Section of LHT Track
D	LL-LEFT	"L" Connector (Left)
Е	L-9S-WW	LEDme™ LED track head
F	L-ENDCAP	End Cap

See Page 207 for more details on track components



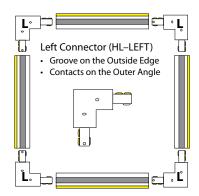
**Understanding Polarity** (Example Using H Track)

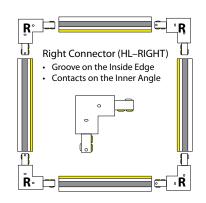


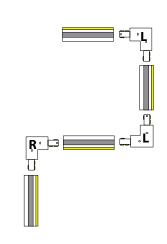
The Two-wire side of an "H" Track has an indicator groove running its length

- Using a left connector, the track would run with the groove along the outside
- Using a right connector, the track would run with the groove along the inside

### Polarity is just a matter of matching ends







### General Lighting Applications



Our smaller track heads are perfect for challenging lighting environments.

◆ Choose from hundreds of track head styles and finishes that complement your retail setting and other spaces, both functionally and stylistically.



### Wall Wash and Spot Applications



Choose from our line of decorative track heads to highlight pictures and artwork in your home, combining the ultimate in function and style.

■ Our Wall Wash Track Heads enable you to cast even light over a large surface, perfect for large open wall spaces.



# LEDme<sup>™</sup> LED TRACK LUMINAIRES

AC Lighting proudly unveils our next generation of accent and display lighting fixtures. LEDme™ Track Luminaires are thermally energy efficient, long lasting and deliver a strong light output with a color temperature similar to incandescent lamping. These fixtures are perfect for effective retail displays, high-end residential accent lighting, and displays in museums, hotels, and restaurants. High quality LEDs offer beams free of projected heat and ultraviolet radiation. Perfect for colored or heat sensitive merchandise such as perishables, apparel or artwork.



### LEDme™ LED track luminaires

- Sleek contemporary design and small size
- Energy efficient, low voltage LEDs
- Long lasting
- · Die cast aluminum thermal management
- 9w, 4500k LED unit performs like a 50w PAR20/30 lamp
- 18w, 4500k LED unit performs like a 75w PAR30 lamp
- Strong projected light output with no projected heat
- 3000k and 4500k color temps
- 50,000 hour potential life
- Accepts up to two lens accessories (see p.193)





75w PAR30

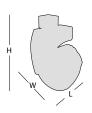


Warm - 3000k



Cool - 4500k





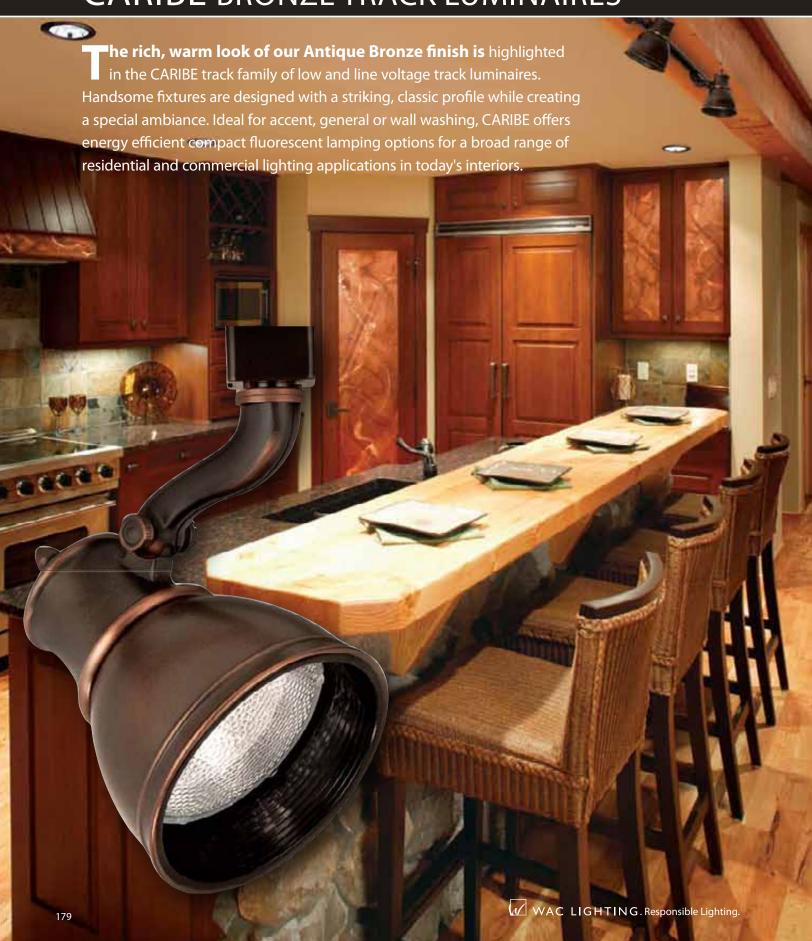
	System			Finish		Color	Beam	LED	Dimensions			
L	Н	J/J2	BK	BN	WT				L	W	Н	
L-9S-WW	H-9S-WW	J-9S-WW	•	•	•	3000k	S 10°	3 x 3w	23/4"	3"	6"	
L-9F-WW	H-9F-WW	J-9F-WW	•	•	•	3000k	F 25°	3 x 3w	23/4"	3"	6"	
L-18S-WW	H-18S-WW	J-18S-WW	•	•	•	3000k	S 10°	6 x 3w	31/2"	33/4"	7½"	
L-18F-WW	H-18F-WW	J-18F-WW	•	•	•	3000k	F 25°	6 x 3w	31/2"	3¾"	7½"	
L-9S-CW	H-9S-CW	J-9S-CW	•	•	•	4500k	S 10°	3 x 3w	23/4"	3"	6"	
L-9F-CW	H-9F-CW	J-9F-CW	•	•	•	4500k	F 25°	3 x 3w	23/4"	3"	6"	
L-18S-CW	H-18S-CW	J-18S-CW	•	•	•	4500k	S 10°	6 x 3w	31/2"	33/4"	7½"	
L-18F-CW	H-18F-CW	J-18F-CW	•	•	•	4500k	F 25°	6 x 3w	31/2"	33/4"	7½"	

Lamp included. See pages 193-194 for lens options

Model shown H-18F-WW-BN



# **CARIBE** BRONZE TRACK LUMINAIRES



### CARIBE bronze track luminaires

- Antique Bronze Finish coordinates with today's faucets, fixtures, cabinet hardware and furniture
- Machined solid brass decorative hardware adds aesthetically appealing detail to the fixture
- Die cast retaining ring holds up to two lens accessories
- Distinctive transitional design complements historical architectural styles as well as today's classical and eclectic looks
- Multiple lens options See Pages 193-194
- Track adapters are Dark Bronze to match our 120v Track







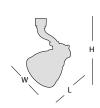


### **LOW VOLTAGE**

	System		Finish	Lamp	D	imensio	ns
L	Н	J/J2	AB	MR16G	L	W	Н
LHT-874	HHT-874	JHT-874	•	50w max	4"	31/8"	65/8"
LHT-874-LENS*	HHT-874-LENS*	JHT-874-LENS*	•	50w max	4"	31/8"	65/8"
LHT-874L	HHT-874L	JHT-874L	•	75w max	4"	31/8"	65/8"
LHT-874L-LENS*	HHT-874L-LENS*	JHT-874L-LENS*	•	75w max	4"	31/8"	65/8"

 $Order\ lamp\ separately.\ *\ Track\ head\ with\ die\ cast\ ring\ to\ accommodate\ lens.\ See\ pages\ 193-194\ for\ lens\ options$ 

Model shown HHT-8) &-AB







### **LINE VOLTAGE**

	System		Finish	Lamp	Dii	mensio	ons
L	Н	J/J2	AB		L	W	Н
LTK-797	HTK-797	JTK-797	•	PAR20 50w max	53/4"	3¾″	83/8"
LTK-797-LENS*	HTK-797-LENS*	JTK-797-LENS*	•	PAR20 50w max	53/4"	33/4"	83/8"
LTK-798	HTK-798	JTK-798	•	PAR30 75w max	61/4"	43/4"	91/8"
LTK-798-LENS*	HTK-798-LENS*	JTK-798-LENS*	•	PAR30 75w max	61/4"	43/4"	91/8"
LTK-799	HTK-799	JTK-799	•	PAR38 150wmax	73/4"	61/8"	105/8"
LTK-799-LENS*	HTK-799-LENS*	JTK-799-LENS*	•	PAR38 150w max	73/4"	61/8"	105/8"

Order lamp separately. \* Track head with die cast ring to accommodate lens. See pages 193-194 for lens options

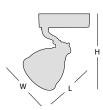
Model shown LTK-798-AB



Most Sustainable Choice



- Optical reflector maximizes light output
- Energy Star qualified



#### **ENERGY EFFICIENT COMPACT FLUORESCENT**

	System		Finish	Lamp	Di	mensi	ons
L	Н	J/J2	AB	CFL Tri-tube *	L	W	Н
LTK-132E	HTK-132E	JTK-132E	•	26w max 32w max	7%"	61/8"	11¾″

Lamp included. Clear lens included. \* Light output comparable to 100w, PAR38 lamp.

### Model shown JTK-132E-AB

Finish Key AB-Antique Bronze





# RIALTO BRONZE TRACK LUMINAIRES

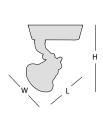
Our new Antique Bronze finish is combined with a classic look and beveled design for a rich elegance that coordinates with many architectural styles. Perfect for accent, spot, general or wall wash lighting, RIALTO adds flair and performance to your space.



### RIALTO bronze track luminaires

- Hand finished Antique Bronze coordinates with today's faucets, fixtures, cabinet hardware and furniture
- Machined solid brass decorative hardware adds aesthetically appealing detail to the fixture
- Decorative traditional design complements historical architectural styles while meeting the design needs of today
- Track adapters are Dark Bronze to match our Bronze 120v Track







### LOW VOLTAGE

	System	Finish	Lamp	Di	imensic	ns	
L	Н	J/J2	AB	MR16G	L	W	Н
LHT-886	HHT-886	JHT-886	•	50w max	4"	3¼"	65/8"
LHT-886L	HHT-886L	JHT-886L	•	75w max	4"	3¼"	65/8"

Order lamp separately.

Model shown HHT-886L-AB





	System		Finish	Lamp	Di	mensio	ons
L	Н	J/J2	AB		L	W	Н
LTK-793	HTK-793	JTK-793	•	PAR20 50w max	5½"	4¼"	81/8"
LTK-794	HTK-794	JTK-794	•	PAR30 75w max	6¼"	5½"	91/8"
LTK-795	HTK-795	JTK-795	•	PAR38 150w ma	x 73/8"	6¼"	101/4"

Order lamp separately.

Model shown JTK-794-AB

Finish Key AB-Antique Bronze







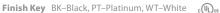
# PREMIUM LOW VOLTAGE





System				Fir	nish		Lamp	Di	mensi	ons
L	Н	J/J2	BK	PT/BK	PT/WT	WT	MR16	L	W	Н
LHT-815	HHT-815	JHT-815	•	•	•	•	50w max	23/4"	4¼"	611/16"
LHT-817	HHT-817	JHT-817	•	•	•	•	$2 \times 35$ w max	23/4"	73/4"	611/16"
LHT-819	HHT-819	JHT-819	•	•	•	•	50w max	31/8"	25/8"	7"
LHT-819L	HHT-819L	JHT-819L	•	•	•	•	75w max	31/8"	25/8"	7"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.





# track luminaires

Sustainable Choice

- · Solid die cast aluminum construction
- · Abrasion resistant finish
- 350º horizontal rotation
- 90º vertical aiming
- · Available in H, L, J and J2 track systems
- Features an etched glass shade
- May be fitted with factory installed extensions





System				Finish	1	Lamp Dimens		mensio	ions	
L	Н	J/J2	BK	BN	WT	MR16G	L	W	Н	
LHT-866	HHT-866	JHT-866	•	•	•	50w max	21/8"	3 3/8"	6"	
LHT-866L	HHT-866L	JHT-866L	•	•	•	75w max	21/8"	3 3/8"	6"	

Order lamp separately

Model shown JHT-866L-BN

- Built in hot aiming adjustment
- Fully enclosed backing prevents light leaks
- May be fitted with factory installed extensions



	System L H J/J2			nish	Lamp	Di	Dimensions		
L	Н	J/J2	BK	WT	MR16	L	W	Н	
LHT-846	HHT-846	JHT-846	•	•	50w max	21/2"	5¼"	61/8"	
LHT-846L	HHT-846L	JHT-846L	•	•	75w max	21/2"	51/4"	61/8"	

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown HHT-846-BK





# PREMIUM LOW VOLTAGE



• May be fitted with factory installed extensions





System				Finish	1	Lamp	Di	mensio	ons
L	Н	J/J2	BK	BN	WT		L	W	Н
LHT-809	HHT-809	JHT-809	•	•	•	MR16 50w max	31/8"	23/8"	6"
LHT-809L	HHT-809L	JHT-809L	•	•	•	MR16 75w max	31/8"	23/8"	6"
LHT-1109	HHT-1109	JHT-1109	•		•	MR11 35w max	21/4"	13/4"	43/4"
Order lamp se	eparately. Clear	lens included. S	ee pa	ges 19	3-194 f	or lens options.			

Model shown LHT-809-BK



· May be fitted with factory installed extensions



	System			Finish	า	Lamp	Dimensions		
L	Н	J/J2	BK	BN	WT		L	W	Н
LHT-802	HHT-802	JHT-802	•	•	•	MR16 50w max	31/8"	23/8"	6"
LHT-802L	HHT-802L	JHT-802L	•	•	•	MR16 75w max	31/8"	23/8"	6"
LHT-1102	HHT-1102	JHT-1102	•		•	MR11 35w max	21/4"	13/4"	43/4"
Order Jamn se	anarately Clear	lens included	See na	nec 10	3-194 f	or lens ontions			-

Model shown HHT-802L-BN



• May be fitted with factory installed extensions



	System		Finish		1	Lamp	Di	Dimensions	
L	Н	J/J2	BK	BN	WT	MR16G, MR11G	L	W	Н
LHT-816	HHT-816	JHT-816	•	•	•	50w max	31/2"	15/8"	41/2"
LHT-816L	HHT-816L	JHT-816L	•	•	•	75w max	3½"	15⁄8″	4½"

 $Order\ lamp\ separately.\ Lens\ clip\ required\ for\ additional\ lenses.\ See\ pages\ 193-194\ for\ lens\ options.$ 

Model shown JHT-816-BN



### track luminaires



### Used For Spot Light Applications as **007**

### Order for framing as 007/008FP

- · Adjustable metal shims to form square or rectangular beams
- Isolate projected light within the four corners of a painting
- Creates the appearance a of self-illuminating surface
- · May be fitted with factory installed extensions



	System		Finish			Lamp	Dimension		ons
L	Н	J	BK	BN	WT	MR16	L	W	Н
LHT-007	HHT-007	JHT-007	•	•	•	50w max	41/4"	21/4"	6½"
LHT-007L	HHT-007L	JHT-007L	•	•	•	75w max	41/4"	21/4"	61/2"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

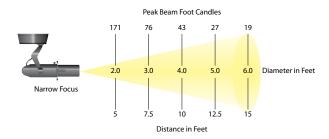
Model shown LHT-007-BK

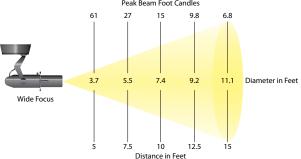
Framing Projector Accessory (order separately)

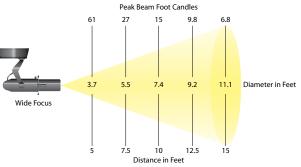
008FP



- Can be used to project images, signs, and corporate logos
- · Uses two lenses to allow precise focus adjustment
- · Highlight artwork or wall decor







	System L H J/J2			nish	Lamp *	Gobo †	Dimensio		ons
L	Н	J/J2	BK	WT	MR16		L	W	Н
LHT-009L	HHT-009L	JHT-009L	•	•	75w max	Glass – "D" size Metal – "D" size	13%"	43/8″	16½″

<sup>\*</sup> FPA or EYF MR16 lamps recommended for optimal performance. Order lamp separately  $^\dagger$  Consult WAC for info on purchasing gobos

Finish Key BK–Black, BN–Brushed Nickel, WT–White Objectives



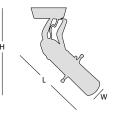












Model shown HHT-009L-BK

## PREMIUM LOW VOLTAGE



• May be fitted with factory installed extensions





	System		Finish		1	Lamp	Dimensions		
L	Н	J/J2	BK	BN	WT		L	W	Н
LHT-826	HHT-826	JHT-826	•	•	•	MR16 50w max	4"	2½"	5½"
LHT-826L	HHT-826L	JHT-826L	•	•	•	MR16 75w max	4"	2½"	51/2"
LHT-1126	HHT-1126	JHT-1126	•		•	MR11 35w max	3¾"	13/4"	51/8"

Order lamp separately. Clear lens included. See pages 193-194 for lens options

Model shown LHT-826-BN



• May be fitted with factory installed extensions

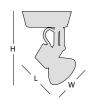


	System		Fir	nish	Lamp	Di	mensic	ns
L	Н	J/J2	BK	WT	MR16	L	W	Н
LHT-876	HHT-876	JHT-876	•	•	50w max	45/8"	21/8"	6¼"
LHT-876L	HHT-876L	JHT-876L	•	•	75w max	45/8"	21/8"	6¼"
Order James	oparatoly Clear	lone included	ioo na	anc 102	104 for long option	c		

Model shown HHT-876L-WT



• May be fitted with factory installed extensions



	System           L         H         J/J2		Finish		Lamp	Di	Dimensions		
L	Н	J/J2	BK	BN	WT	MR16G	L	W	Н
LHT-856	HHT-856	JHT-856	•	•	•	50w max	31/8"	2¾"	6½"
LHT-856L	HHT-856L	JHT-856L	•	•	•	75w max	31/8"	2¾"	6½"

Order lamp separately

Model shown JHT-856L-BN



# track luminaires



- May be fitted with factory installed extensions
- Wide assortment of glass and shield options



Shown with G114-WT glass, Order separately

	System			Finish	า		Lamp	Dimensions	
L	Н	J/J2	BK	PT/BK	/BK PT/WT WT Xenon Bi-pin, MR16G		L	Н	
LHT-814	HHT-814	JHT-814	•	•	•	•	50w max	13/8"	411/16"
LHT-814L	HHT-814L	JHT-814L	•	•	•	•	75w max	13/8"	411/16"
Oud l				aal Caa	la a l a £ a .				

Order lamp separately. Order glass or shield separately. See below for options

Model shown HHT-814L-WT

### GLASS AND SHIELD OPTIONS (order separately)

Model		Dimen	sions	
G111 SERIES		21/4"W×	13/4"H	
Acid etched, translu	icent press mo	lded bell		
AM	BL	PE	WT	
Model		Dimen	sions	
G112 SERIES		2½"W x	1 ¾"H	
Acid etched, translu	icent press mo	lded grooved cylii	nder	
AM	BL	WT		
Model		Dimen:	sions	
G113 SERIES		3%"W x		
Acid etched, translu	icent press mo		. ,	
AM	BL	WT		
Model		Dimen	sions	
G114 SERIES		25/8"W x	2 ½"H	
Acid etched, hand b	olown cased gl			

GR

Model		Dimensions	
G115 SERIES		21/4"W x 1 3/4"H	
Mesh bulb shield			
СН	PT		
Model		Dimensions	
G116 SERIES		21/4"W x 1 3/4"H	
Solid metal shield			
CH	PT		
Model		Dimensions	
G119 SERIES		2 ½"W x 1 5/8"H	
Acid etched, hand	blown cased g	lass thimble	

 $\textbf{Finish Key} \ \ \text{AM-Amber}, \ \text{BL-Blue}, \ \text{CH-Chrome}, \ \text{DB-Dark Bronze}, \ \text{GR-Green}, \ \text{PE-Peach}, \ \text{PT-Platinum}, \ \text{RD-Red}, \ \text{WT-White}.$ 

RD

WT





BL

AM

### LOW VOLTAGE

- 350° horizontal rotation and 90° vertical aiming
- Available in H, L, J and J2 track systems
- · Abrasion resistant powder coated finish





- Recessed lamp position for minimal glare
- May be fitted with factory installed extensions



	System L H J/J2		Finish		Lamp	Di	Dimensions	
L	Н	J/J2	BK	WT	MR16	L	W	Н
LHT-808	HHT-808	JHT-808	•	•	50w max	3%"	2¾″	61/4"
LHT-808L	HHT-808L	JHT-808L	•	•	75w max	3%"	2¾″	6¼"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown HHT-808-WT



- Available adjustable barn door to control glare from lamp
- · May be fitted with factory installed extensions



w/o Barn Door



	System  L H J/J2  LHT-901 HHT-901		Finish		Lamp	Dir	Dimensions	
L	Н	J/J2	BK	WT	MR16	L	W	Н
LHT-801	HHT-801	JHT-801	•	•	50w max	3"	21/2"	6"
LHT-801L	HHT-801L	JHT-801L	•	•	75w max	3"	21/2"	6"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown HHT-801-WT

Barn door accessory (order separately) BK WT 801BD • • •

Finish Key BK-Black, WT-White



# track luminaires



· May be fitted with factory installed extensions



System			Finish			Lamp	Dimension		ns
L	Н	J/J2	BK	BN	WT	MR16	L	W	Н
LHT-180	HHT-180	JHT-180	•	•	•	50w max	2"	21/8"	53/4"
LHT-180L	HHT-180L	JHT-180L	•	•	•	75w max	2"	21/8"	53/4"

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown JHT-180-BN

- Shorter bracket design for close to ceiling, low profile look
- Perfect for retail and kiosk displays
- May be fitted with factory installed extensions



	System			ish	Lamp	Dimensions			
L	Н	J/J2	BK	WT	MR16	L	W	Н	
LHT-160	HHT-160	JHT-160	•	•	50w max	2½"	21/8"	41/16"	
LHT-160L	HHT-160L	JHT-160L	•	•	75w max	21/2"	21/8"	41/16"	

Order lamp separately. Clear lens included. See pages 193-194 for lens options.

Model shown HHT-160L-WT

• Flexible swivel places light precisely where needed for various applications



	System					Lamp	Dimensions		
L	Н	J/J2	BK	BN	WT	MR16G, MR11G	Н		
LHT-204	HHT-204	JHT-204	•	•	•	50w max	25 13/16"		
LHT-204L	HHT-204L	JHT-204L	•	•	•	75w max	25 13/16"		

Shown with MR16G and optional mesh bulb shield (MBS-16) Order lens and lens clip when used without bulb shield. See pages 193-194 for lens options.

Model shown LHT-204L-BK







### LOW VOLTAGE track luminaires

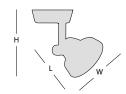
### **AR111 features and benefits**

- · Provides whiter and brighter light
- Developed for color critical retail applications
- Crisp light from great distances or up close
- Screw terminal ensures secure connection
- A direct retrofit for PAR36 lamps
- Available in 4° to 45° beam angles





• May be fitted with factory installed extensions



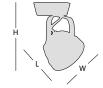
	System			Finish Lamp *				Dimensions			
L	Н	J/J2	BK	WT			L	W	Н		
LHT-936	HHT-936	JHT-936	•	•	PAR36, AR111	50w max	3¼"	5"	7¼"		
LHT-936L	HHT-936L	JHT-936L	•	•	AR111	75w max	31/4"	5"	7¼"		
* Shown with	AR111. Order la	mp separately									

Model shown LHT-936L-WT





- Fully enclosed backing prevents light leaks
- May be fitted with factory installed extensions



	System			nish	Lamp	*	Dimensions		
L	Н	J/J2	BK	WT			L	W	Н
LHT-901	HHT-901	JHT-901	•	•	PAR36, AR111	50w max	31/2"	43/4"	8"
LHT-901L	HHT-901L	JHT-901L	•	•	AR111	75w max	31/2"	43/4"	8"

\* Shown with AR111. Order lamp separately

Model shown JHT-901-WT

Finish Key BK-Black, WT-White



# lens accessory compatibility chart

Lenses or other light control accessories can greatly enhance the quality of life or professional design of a space. Certain louvers or lenses can reduce uncomfortable glare by shielding or softening the projected light. Other lenses control light by filtering out wavelengths to protect artwork or to enhance certain colors in the lit object.

See pages 193-194 to learn more.

FIXTURE	COLORED LENS	COLORED DICHROIC LENS	UV FILTER LENS	FROSTED LENS	HONEYCOMB LOUVER (glass lensed lamp required)	SPREAD LENS	BEAM ELONGATING LENS	LENS CLIP REQUIRED
			ı					
007	•	•	•	•	•	•	•	
160	•	•	•	•	•	•	•	
168	•	•	•	•	•	•	•	•
180	•	•	•	•	•	•	•	
204	•	•	•	•	•	•	•	•
797-LENS	•	•	•	•	•	•	•	
798-LENS	•	•	•	•	•	•	•	
799-LENS	•	•	•	•	•	•	•	
801	•	•	•	•	•	•	•	
802	•	•	•	•				
808	•	•	•	•	•	•	•	
809	•	•	•	•				
814								
815	•	•	•	•	•	•	•	
816	•	•	•	•	•	•	•	•
817	•	•	•	•	•	•	•	
819	•	•	•	•	•	•	•	
826	•	•	•	•	•	•	•	
846	•	•	•	•	•	•	•	
847	•	•	•	•	•	•	•	•
849*	•	•	•	•	•	•	•	
856	•	•	•	•	•	•	•	•
866	•	•	•	•	•	•	•	•
874-LENS	•	•	•	•	•	•	•	
874L-LENS	•	•	•	•	•	•	•	
876	•	•	•	•	•	•	•	
900	•	•	•	•				
901								
936								
95	•	•		•	•	•	•	
9F	•	•		•	•	•	•	
18S	•	•		•	•	•	•	
18F	•	•		•	•	•	•	
1102	•	•	•					
1109	•	•	•					
1126	•	•	•		•	•	•	
1156								

### See pages 193-194 for description of lens accessories

<sup>\*</sup>Can use two lenses together

### **LENS EFFECTS**

**Color Lenses** change the color of the light by washing the full spectrum of light with the chosen lens. This affects objects by changing the overall tone and allows the light to react with the different colors within a particular object.

Dichroic Lenses operate on a passive-reflective basis, meaning unused wavelengths are reflected while only wanted portions of the spectrum are filtered through. This creates a pure light effect by enhancing only one wavelength of color allowing for a dramatic deepening in tone.

### **CLEAR LENS**



### **COLOR LENSES**

LENS-11	MR11				
LENS-16	MR16				
LENS-20	PAR20				
LENS-25	LED18w				
LENS-30	PAR30				
LENS-38	PAR38				
Color AMB, BLU, GRN, RED, YEL					

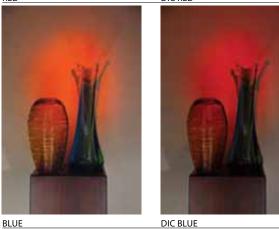
**COLOR DICHROIC LENSES** 

LENS-11-DIC	MR11
LENS-16-DIC	MR16
LENS-20-DIC	PAR20
LENS-25-DIC	LED18w
LENS-30-DIC	PAR30
LENS-38-DIC	PAR38

### Color AMB, BLU, GRN, RED, YEL

**COLOR LENSES** RED

**COLOR DICHROIC LENSES** DIC RED







YELLOW

DIC YELLOW



AMBER

DIC AMBER



GREEN



DIC GREEN





Finish Key AMB-Amber, BLU-Blue, GRN-Green, RED-Red, YEL-Yellow





### **CLEAR LENS**

Lens permits the safe use of MR16 lamps without glass.



LENS-16-CL

MR16



MR16 LENS-16-CLIP

Holds any lens in place



### **UV FILTER**

UV lenses protect art work and fabric from fading



**LENS-11-UVF** MR11 LENS-16-UVF MR16 LENS-20-UVF PAR20 LENS-30-UVF PAR30 LENS-38-UVF PAR38

Same lighting effect as standard clear lens. Reduces ultraviolet light



#### FROSTED LENS

Softens light and reduces glare



LENS-11-FR MR11 LENS-16-FR MR16 LENS-20-FR PAR20 LENS-25-FR LED 18w LENS-30-FR PAR30 PAR38 LENS-38-FR

Replaces standard clear lens supplied with MR16 and MR11 track luminaires



### MESH BULB SHEILD

Diffuses back light from lamp



**MBS-11** MR11 **MBS-16** MR16 Finish BK, BN, WT

Snaps over an MR11 or MR16 bulb. Use with LHT, HHT and JHT-204, SF-214, MM-204, DL-204, ME-204, and MI-204.



### HONEYCOMB LOUVER

Reduces glare at a 30° angle



LENS-11-HCL MR11 LENS-16-HCL MR16 LENS-20-HCL PAR20 LENS-25-HCL LED 18w LENS-30-HCL PAR30 LENS-38-HCL PAR38

Used with standard clear lens



### **SPREAD LENS**

Spreads light in an even pattern



LENS-11-SPR MR11 MR16 LENS-16-SPR LENS-20-SPR PAR20 LENS-25-SPR LFD 18w LENS-30-SPR PAR30 LENS-38-SPR PAR38

Replaces standard MR16 and MR11 track fixture lens



#### **BEAM ELONGATING LENS**

Creates horizontal or vertical elongated strip of light



LENS-11-BEL MR11 LENS-16-BEL MR16 LENS-20-BEL PAR20 LENS-25-BEL LED 18w LENS-30-BEL PAR30 LENS-38-BEL PAR38

Replaces standard MR16 and MR11



### **SOLID BULB SHEILD**

Eliminates back light from lamp



**SBS-11** MR11 **SBS-16** MR16 Finish BK, BN, WT

Snaps over an MR11 or MR16. Use with LHT, HHT and JHT-204, SF-214, MM-204, DL-204, ME-204, and MI-204.





### COMMERCIAL ENERGY EFFICIENT

- Energy efficient
- Extruded aluminium body and heavy gauge steel yoke
- Available in H, L, J and J2 track systems
- Fluorescent wall washers or metal halide spots are ideal for retail applications

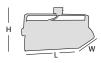


## compact fluorescent track luminaires



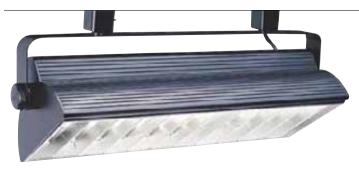


- Fully enclosed backing prevents light leaks
- · Ideal for retail wall wash applications
- On/off switch to allow for safe, individual re-lamping without shutting down entire track

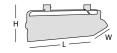


	System		Finish		Lamp	Di	Dimensions			1	Finis	h
L	Н	J/J2	BK	WT		L	W	Н		BK	CL	WT
LTK-W126E-HS	HTK-W126E-HS	JTK-W126E-HS	•	•	1x Twin Tube 4-Pin 2G11 26w	9%"	5¼"	75/8"	L126	•	•	•
LTK-W218E-HS	HTK-W218E-HS	JTK-W218E-HS	•	•	2x Twin Tube 4-Pin 2G11 18w	12"	63/8"	81/4"	L218	•	•	•
LTK-W227E-HS	HTK-W227E-HS	JTK-W227E-HS	•	•	2x Twin Tube 4-Pin 2G11 27w	16"	63/8"	8¼"	L227	•	•	•
Order Jamp conarat	alv Order lauver sens	ratoly										

Model shown HTK-W218E-HS-BK with L218-CL



- Fully enclosed backing prevents light leaks
- Ideal for retail wall wash applications



	System		Finish		Lamp	Dimensions			Louver		Finish	1
L	Н	J/J2	BK	WT		L	W	Н		BK	CL	WT
LTK-W239E-HS	HTK-W239E-HS	JTK-W239E-HS	•	•	2x Twin Tube 4-Pin 2G11 39w	20"	63/8"	81/4"	L239	•	•	•
LTK-W240E-HS	HTK-W240E-HS	JTK-W240E-HS	•	•	2x Twin Tube 4-Pin 2G11 40w	26"	63/8"	81⁄4″	L240	•	•	•

Order lamp separately. Order louver separately

Model shown JTK-W240E-HS-BK with L240-CL

Finish Key BK–Black, WT–White cUL) us





### metal halide track luminaires

- · Ideal for retail spot lighting applications
- Integral electronic ballast
- Front loading for convenient re-lamping
- Fully enclosed backing prevents light leaks
- On/off switch to allow for safe, individual re-lamping without shutting down entire track





System			Fir	ish	Lamp	Dimensions		
L	Н	J/J2	BK	WT		L	W	Н
LTK-520-39E	HTK-520-39E	JTK-520-39E	•	•	PAR20 HID 39w	91/4"	43/4"	8%"
LTK-530-39E	HTK-530-39E	JTK-530-39E	•	•	PAR30 HID 39w	91/4"	43/4"	10"
LTK-530-70E	HTK-530-70E	JTK-530-70E	•	•	PAR30 HID 70w	91/4"	43/4"	10"
LTK-538-70E	HTK-538-70E	JTK-538-70E	•	•	PAR38 HID 70w	91/4"	43/4"	10¾"
LTK-538-100E	HTK-538-100E	JTK-538-100E	•	•	PAR38 HID 100w	91/4"	43/4"	10¾"

Order lamp separately. Integral electronic ballast

Model shown LTK-538-70E-WT

- Ideal for retail spot lighting applications
- Integral electronic ballast
- Front loading for convenient re-lamping





System				Finish		Lamp	Dimensions			
L	Н	J/J2	BK	PT	WT		L	W	Н	
LTK-763-39E	HTK-763-39E	JTK-763-39E	•	•	•	PAR20 HID 39w	5"	3%"	83/8"	
LTK-764-39E	HTK-764-39E	JTK-764-39E	•	•	•	PAR30L HID 39w	5%"	5"	91/4"	
LTK-764-70E	HTK-764-70E	JTK-764-70E	•	•	•	PAR30L HID 70w	5%"	5"	91/4"	
LTK-765-70E	HTK-765-70E	JTK-765-70E	•	•	•	PAR38 HID 70w	61/2"	6"	115⁄8″	

Order lamp separately. Integral electronic ballast Model shown **HTK-764-70E-PT** 

Finish Key BK-Black, PT-Platinum, WT-White





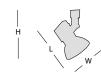
## PREMIUM LINE VOLTAGE track luminaires

- · Solid die cast aluminium construction
- Durable porcelain socket with nickel plated copper screw shell
- · Abrasion resistant finish

- 350º Horizontal rotation
- 90° vertical aiming
- Available in H, L, J and J2 track systems



• Fully enclosed backing prevents light leaks



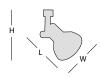
System			Finish		Lamp		Dimensions			
L	Н	J/J2	BK	BN	WT			L	W	Н
LTK-773	HTK-773	JTK-773	•	•	•	PAR20	50w max	47/8"	33/16"	61/8"
LTK-774	HTK-774	JTK-774	•	•	•	PAR30	75w max	53/16"	43/8"	73/4"
LTK-775	HTK-775	JTK-775	•	•	•	PAR38	150w max	61/8"	5½"	9¼"

Order lamp separately

Model shown HTK-774-BN



- · Patented tool free locking mechanism for precise aiming
- Fully enclosed backing prevents light leaks
- · Built in hot aiming adjustment



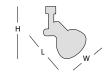
	System		Fin	ish	Lamp		Dimensions			
L	Н	J/J2	BK	WT			L	W	Н	
LTK-720	HTK-720	JTK-720	•	•	PAR20	50w max	4½"	3¼"	63/4"	
LTK-730	HTK-730	JTK-730	•	•	PAR30	75w max	5"	4½"	73/4"	
LTK-738	HTK-738	JTK-738	•	•	PAR38	150w max	6½"	5½"	9¼"	

Order lamp separately

Model shown LTK-730-BK



- Patented tool free locking mechanism for precise aiming
- Built in hot aiming adjustment



System		Fir	Finish		Lamp		Dimensions		
L	Н	J/J2	BK	WT			L	W	Н
LTK-753	HTK-753	JTK-753	•	•	PAR20	50w max	4½"	3¼"	63/4"
LTK-754	HTK-754	JTK-754	•	•	PAR30	75w max	5"	41/2"	73/4"
LTK-755	HTK-755	JTK-755	•	•	PAR38	150w max	6½"	5½"	91/4"

Order lamp separately

Model shown JTK-755-WT



# LINE VOLTAGE track luminaires

- Polycarbonate aiming knobs
- Durable porcelain socket with nickle plated copper screw shell
- 350º horizontal rotation
- 90º vertical aiming

- Available in H, L, J and J2 track systems
- Fully enclosed backing prevents light leaks
- Abrasion resistant finish

• Fully enclosed backing prevents light leaks

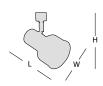


	System		Fin	nish	Lamp *	Di	mensio	ons
L	Н	J/J2	BK	WT	A, PAR20, R20	L	W	Н
LTK-725	HTK-725	JTK-725	•	•	50w max	5"	2%"	75/8"

\* Shown with PAR20. Order lamp separately

Model shown LTK-725-WT

- Fully enclosed backing prevents light leaks
- Phenolic baffle included to reduce glare

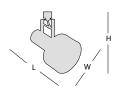


	System		Fir	nish	Lamp *	Di	mensio	ns
L	Н	J/J2	BK	WT	A, PAR30, BR30	L	W	Н
LTK-703	HTK-703	JTK-703	•	•	100w max	65/8"	43/8"	9"

\* Shown with BR30. Order lamp separately

Model shown HTK-703-WT

- Fully enclosed backing prevents light leaks
- Phenolic baffle included to reduce glare



	System		Fir	nish	Lamp *	Di	imensio	ns
L	Н	J/J2	BK	WT	PAR38, BR40	L	W	Н
LTK-705	HTK-705	JTK-705	•	•	150w max	85/8"	511/16"	111/4"

\* Shown with PAR38. Order lamp separately

Model shown LTK-705-WT

Finish Key BK-Black, WT-White









## LINE VOLTAGE



• Front loading for convenient re-lamping



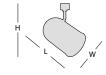
System			Finish		Lamp		Dimensions			
L	Н	J/J2	BK	BN	WT			L	W	Н
LTK-763	HTK-763	JTK-763	•	•	•	PAR20	50w max	43/4"	33/4"	73/16"
LTK-764	HTK-764	JTK-764	•	•	•	PAR30	75w max	5"	53/16"	91/4"
LTK-765	HTK-765	JTK-765	•	•	•	PAR38	150w max	65/8"	6"	10"

Order lamp separately

Model shown LTK-765-BK



- Fully enclosed backing prevents light leaks
- Phenolic baffle included to reduce glare

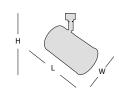


System		Fir	nish	Lam	Dimensions				
L	Н	J/J2	BK	WT			L	W	Н
LTK-717	HTK-717	JTK-717	•	•	A, PAR20, R20	60w max	6"	311/16"	81/8"
LTK-718	HTK-718	JTK-718	•	•	A, PAR30, BR30	100w max	73/16"	4½"	91/8"
Order lamp :	separately								

Model shown JTK-718-WT



- Fully enclosed backing prevents light leaks
- Phenolic baffle included to reduce glare



	System		Fir	nish	Lamı	ρ	Di	imensi	ons
L	Н	J/J2	BK	WT			L	W	Н
LTK-701	HTK-701	JTK-701	•	•	A, PAR20, R20	60w max	61/8"	3½"	8½"
LTK-704	HTK-704	JTK-704	•	•	A, PAR30, BR30	100w max	73/16"	47/16"	911/16"
LTK-706	HTK-706	JTK-706	•	•	PAR38, BR40	150w max	8"	511/16"	123/16"

Order lamp separately

Model shown HTK-704-BK



# track luminaires

- Multiple lamping options
- · Fixed position socket





	System			Finish	ı	Lamp *	Dimer	nsions
L	Н	J/J2	BK	BN	WT	G, A, BR, PAR20, PAR30, PAR38	L	Н
LTK-178	HTK-178	JTK-178	•	•	•	150w max	2"	4"
* Shown wit	th PAR20. Orde	er lamp separa	tely. B	arn do	or sol	d separately		

Model shown JTK-178-BN

- · Multiple lamping options
- Sliding adjustable socket to accommodate lamp positioning





	System			Finish	1	Lamp *	Dimer	nsions
L	Н	J/J2	BK	BN	WT	G, A, BR, PAR16, PAR20, PAR30, PAR38	L	Н
LTK-188	HTK-188	JTK-188	•	•	•	150w max	43/4"	73/8"

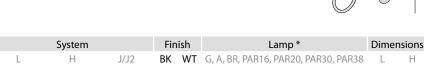
\* Shown with PAR30. Order lamp separately. Barn door sold separately

Model shown HTK-188-BN

- · Available in two different lengths
- Multiple lamping options
- Sliding adjustable socket to accommodate lamp positioning
- Includes secondary support brace to hold fixture firmly to track



4¾"



150w max

150w max

\* Shown with PAR30. Order lamp separately. Barn door sold separately

JTK-024

JTK-048

Model shown JTK-024-BK

HTK-024

HTK-048

LTK-024

LTK-048



		Door Length	Fully Extended
PAR20BD	PAR20	1 3/4"	6"
PAR30BD	PAR30	21/2"	87⁄8″
PAR38BD	PAR38	31/4"	111/2"
Finish	BK, BN, WT		







# MINIATURE LINE VOLTAGE track luminaires



• Uses GU10 lamps to achieve the diminutive, sleek look of MR16 Track luminaires without the need for a transformer



	System		Finish – Glass / Track Head			Lamp	Dii	mensio	ns	
L	Н	J/J2	AM/BK	AM/WT	WT/BK	WT/WT	GU10	L	W	Н
LTK-101	HTK-101	JTK-101	•	•	•	•	50w max	31/8"	25/8"	6"

Model shown HTK-101-AM/BK





BK WT/WT	GU10	L	W	Н
•	50w max	35/8"	25/8"	6"
				FO -5/11 -5/11

Model shown JTK-102-WT/WT





	System		Fir	nish	Lamp	D	imensi	ons
L	Н	J/J2	BK	WT	GU10	L	W	Н
LTK-103	HTK-103	JTK-103	•	•	50w max	25/8"	31/16"	57/16"

Lamp included

Model shown LTK-103-WT





	System		Fir	nish	Lamp	Di	mensic	ons
L	Н	J/J2	BK	WT	GU10	L	W	Н
LTK-104	HTK-104	JTK-104	•	•	50w max	2¾"	25/8"	51/8"

Lamp included

Model shown JTK-104-BK





	System		Fir	nish	Lamp	Dimensions
L	Н	J/J2	BK	WT	GU10	Н
LTK-105	HTK-105	JTK-105	•	•	50w max	193/8" max
LIK-105		) I K- 103	•	•	50W IIIax	19% max

Lamp included

Model shown HTK-105-WT

Finish Key AM/BK-Amber/Black, AM/WT-Amber/White, WT/BK-White/Black, WT/WT-White/White



# LINE VOLTAGE wall wash track luminaires

- · High output quartz lamp fixture
- Die cast aluminum track head with die cast black louver for glare control
- Ceramic double contact socket
- · Ideal for wall wash applications





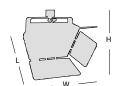
	System		Fir	nish	Lamp	Di	mensio	ns
L	Н	J/J2	BK	WT	J-150-S	L	W	Н
LTK-150	HTK-150	JTK-150	•	•	150w max	311/16"	5″	7"

Lamp included

Model shown LTK-150-BK

- · High output quartz lamp fixture
- Die cast aluminum body and lens frame
- Steel barn doors and yoke for lighting control
- Ceramic double contact socket
- Clear glass lens in door frame





	System		Fin	nish	Lamp	D	imensio	าร
L	Н	J/J2	BK	WT	J-300-S	L	W	Н
LTK-300	HTK-300	JTK-300	•	•	300w max	711/16"	115/16"	117/16"

Lamp included. Barn Door included

Model shown HTK-300-WT

Finish Key BK–Black, WT–White





# 120V TRACK pendant options

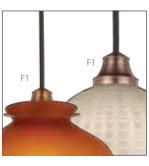
### **COMPACT FLUORESCENT PENDANTS**

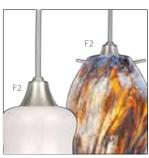
Lamp CFL GU24 26w max

Finish DB, BN



Complete unit includes socket set, fixture and 72 inch braided fabric wire that may be shortened in the field CFL GU24 13w lamp included.







**PARK SLOPE** 



**CLINTON** 



488WT (p.9) 472WT (p.8)



SOLSTICE



**CARROL GARDENS** 



**SERAPHIM** 



**RED ROCK** 

426AM (p.4)





WILLIAMSBURG 483IV (p.10)

**CREAMERY** 

408WT (p.16)

COBBLE HILL 487AM (p.9)

MODE 471WT (p.7)

MOSS

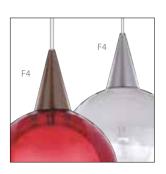
421GR (p.6)

FRANKLIN 486WT (p.8)

### LINE VOLTAGE PENDANTS

Lamp A or G 100w max
Finish BK, BN, WT

Complete unit includes socket set, fixture and 96 inch braided fabric wire that may be shortened in the field Order lamp separately.



### CFL AND LINE VOLTAGE PENDANT ORDERING INSTRUCTIONS

System Socket Set Glass Socket Set Finish

LTK F1 "XXXXX" BN WT

JTK F& WT

Example Order HTK-F1-403RD-DB





FROST NOVA NOVA 403RD (p.14) 403AM (p.14) 403BL (p.14) 454AM (p.12) 454WT (p.12)

**BONGO** 

**451AM** (p.11)

Finish Key AM – Amber, CB – Cobalt Blue, CO – Copper, BN – Brushed Nickel, BK – Black, BL – Blue, DB–Dark Bronze, GL – Gold, GR – Green, IV-Ivory, OC – Opal Clear, RD – Red, WM – White Marble, WT– White

CREAMERY

408AM (p.16)

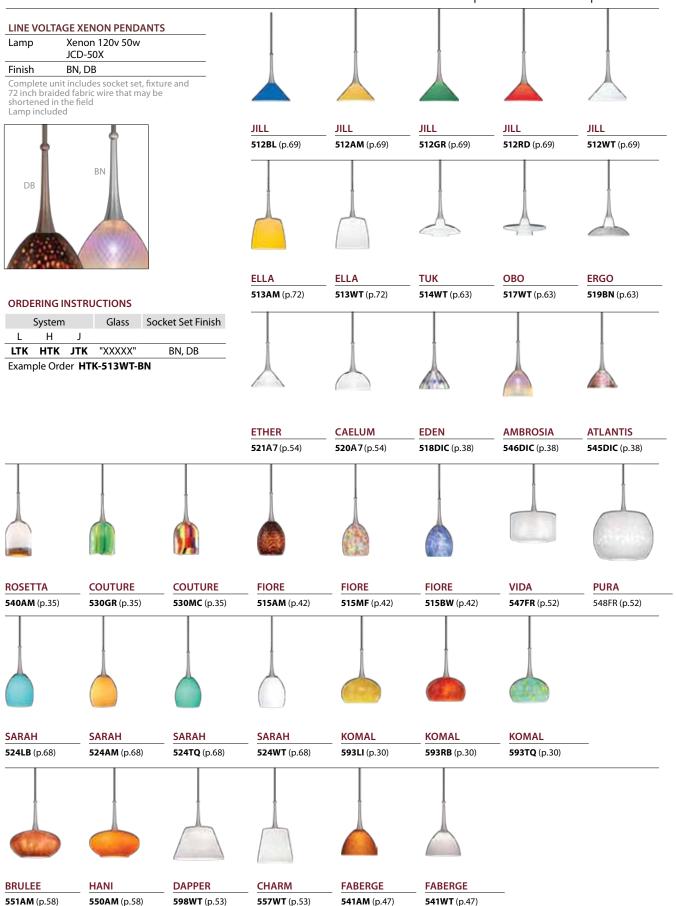
**BONGO** 

**451LB** (p.11)

BONGO

**451WT** (p.11)

# 120V track pendant options



Finish Key AM – Amber, BL – Blue, BW- Blue/White GL – Gold, CB – Cobalt Blue, BN – Brushed Nickel, DB – Dark Bronze, DIC – Dichroic, FR- Frosted, GR – Green, LB – Light Blue, LI – Lime, MC– Multicolor, MF-Millefiore, PR – Purple, PT– Platinum, RB – Raspberry, RD – Red, TQ – Turquoise, WT– White

# 120V TRACK QUICK CONNECT™ adapter

WAC Lighting's QUICK CONNECT™ collection of pendants and fixtures features hundreds of products, including a wide array of hand blown glass designs and multiple mounting hardware options.

The threaded male adapter used on QUICK CONNECT™ fixtures makes inter-system compatibility a snap. Simply insert the metal fitting into the appropriate system adapter, hand tighten the threaded collar and you are done!

### Order one EN-Q50AR for each QUICK CONNECT™ element

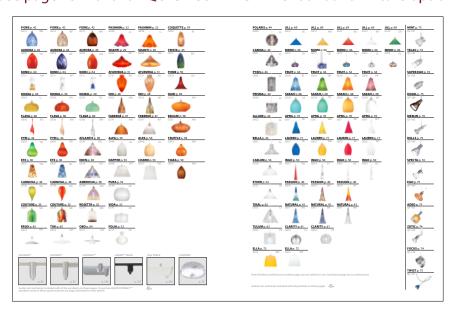


Finish Key BN-Brushed Nickel, DB-Dark Bronze, CH-Chrome





See page 25–26 for all QUICK CONNECT™ Pendant and Fixture options





# single circuit 120V track



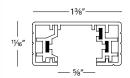
### L SYSTEM TRACK

LT2	23 ¾″ ×	< 1½″	×	<sup>15</sup> / <sub>16</sub> "		
LT4	47 ¼" ×	1½"	X	<sup>15</sup> / <sub>16</sub> "		
LT6	71" ×	1½"	X	<sup>15</sup> / <sub>16</sub> "		
LT8	94 ½" × 1½" × ½" i5/16"					
Finish	Finish BK, BN, DB, WT					
Includes two matching end caps Uses the track as a grounding conductor						









### **H SYSTEM TRACK**

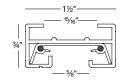
HT2	23 ¾"	×	1%"	×	11/16"
HT4	47 1/4"	X	1%"	×	11/16"
HT6	71"	X	1%"	×	11/16"
HT8	94 ½"	×	1%"	×	11/16"
Finish	BK, BN, DB, WT				

Includes two matching end caps Isolated grounding conductor



H System Adapter





### J SYSTEM TRACK

JT2	23 ¾"	×	1½"	×	3/4"
JT4	47 1/4"	×	1½"	X	3/4"
JT6	71"	×	1½"	X	3/4"
JT8	94 ½"	×	1½"	×	3/4"
Finish	BK, BN, DB, WT				

Includes two matching end caps Uses the track as a grounding conductor



J System Adapter

- May be field cut and easily installed on drywall, plaster, wood, or drop ceilings
- May be suspended on WAC SK-18", 24", 36", or 48" suspension kits (see page 208 for ordering information)
- Use compatible track luminaires and QUICK CONNECT™
   adapters with each system (example H track with H system
   track heads or EN-HQ50AR adapters)
- End caps and mounting hardware supplied with each section

# single circuit 120V track components



### LIVE END CONNECTOR

LLE	$4\frac{1}{4}$ " × $4\frac{1}{4}$ " × $4\frac{3}{4}$ "
HLE	$4\frac{1}{4}$ " × $4\frac{1}{4}$ " × $4\frac{3}{4}$ "
JLE	$4\frac{1}{4}$ " × $4\frac{1}{4}$ " × $4\frac{3}{4}$ "
Finish	BK, BN, DB, WT

Used for direct wiring from conduit through the ceiling



### "L" CONNECTOR (LEFT)

LL-LEFT	$2\frac{3}{4}" \times 2\frac{3}{4}"$
HL-LEFT	$4\frac{1}{4}$ " × $4\frac{1}{4}$ "
JL-LEFT	4¼"×4¼"
Finish	BK. BN. DB. WT

to make a power feedable 90° angle-left-hand polarity turns



### "I" CONNECTOR

LI	3"×31/8"×3"
HI	$3" \times 3\%" \times 3"$
JI	$3" \times 3\%" \times 3"$
Finish	BK, BN, DB, WT

Straight line connector used to join two sections of track with electrical continuity



### "L" CONNECTOR (RIGHT)

	(
LL-RIGHT	$2\frac{3}{4}" \times 2\frac{3}{4}"$
HL-RIGHT	$4\%'' \times 4\%''$
JL-RIGHT	$4\%" \times 4\%"$
Finish	RK RN DR WT

Used to join two track sections to make a power feedable 90° angle-right-hand polarity turns



#### "I" DEAD END STRAIGHT LINE CONNECTOR

LI-DEC	3"×31/8"×3"
HI-DEC	3"×3%"×3"
JI-DEC	3"×3%"×3"
Finish	BK, BN, DB, WT

Straight line connector used to join two sections of track without electrical continuity



### "T" CONNECTOR

LT	$4'' \times 2^{3}/4''$
HT	$7 \frac{1}{4}$ " × $4 \frac{1}{4}$ "
JT	7 1/8" × 4 1/4"
Finish	BK, BN, DB, WT

Used to join three track sections to make a "T" configuration. Power feedable on H and J only. T connector with opposite polarity is custom made at WAC



#### "I" STRAIGHT LINE POWER CONNECTOR

LI-PWR HI-PWR JI-PWR	6 <sup>3</sup> 4"×7"×7½" 6 <sup>3</sup> 4"×7"×7½" 6 <sup>3</sup> 4"×7"×7½"
Finish	BK, BN, DB, WT

Power entry point at the connection of two tracks



### "X" CONNECTOR

LX	4%"×4%"
нх	7%"×7%"
JX	7½"×7½"
Finish	BK, BN, DB, WT

Used to join four track sections to make an "X" configuration. Power feedable on H and J only.



### FLEXIBLE TRACK CONNECTOR

LFLX	11 " × 9¾"× 8½"
HFLX	11 " × 9¾"× 8½"
JFLX	11 " × 9¾"× 8½"
Finish	BK, BN, DB, WT

variable angles from 60° to 180°. Used as a transition from wall-to-wall, wall-to-ceiling, or ceiling-to-ceiling. Power feedable



LMP, JMP



### MONOPOINT CANOPY ADAPTER

LMP	4%″W
JMP	4¾″W
НМР	5%"×5%"
Finish	BK, BN, DB, WT

Used to mount a single H, L or J system track fixture to an octagon box.
When used with a low voltage track head the transformer box will protrude "off" of the face of the monopoint.



### **BX CONNECTOR**

LBXLE	6"×5¾"×6¼"
HBXLE	$6" \times 5\%" \times 6\%"$
JBXLE	$6" \times 5\%" \times 6\%"$
Finish	BK, BN, DB, WT

Live end connector for use with surface mounted BX or non metallic sheathed cable. Will also provide a through the ceiling connection





### **CANOPY PLATE**

CP	$4\frac{1}{2}$ " × $4\frac{1}{2}$ "
Finish	BK, BN, DB, WT

Covers a standard 4 inch octagon box, used in conjunction with: LL-LEFT, LL-RIGHT,LLE,LFLX,HLE,HFLX, HL-LEFT, HL-RIGHT, HT, HX, HI-PWR, JLE, JL-LEFT, JL-RIGHT, JFLX, JT, JX, JI-PWR

# single circuit 120V track components



### FLOATING CANOPY CONNECTOR

LFC	$4\frac{1}{2}$ " × $4\frac{1}{2}$ "
HFC	4¼"×4¼"
JFC	$4\%" \times 4\%"$
Finish	BK, BN, DB, WT

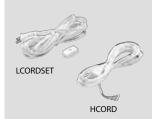
Connects to octagon box. Allows track to be powered anywhere along the length of the track.



#### SUSPENSION LOOP

5051 21151011 2001	
3"	
3 "	
3 "	
BK, BN, DB, WT	

3 inch electrical loop accepts chain hung fixtures, 35lbs maximum Contains compartment for electrical connections



#### 15' CORD, MALE PLUG AND SWITCH

LCORDSET 15

#### 15' CORD, MALE PLUG

HCORD	15'
Finish	BK, WT
Maximum cap	acity 7A, 800w, 120v



### T-BAR DROP CEILING ATTACHMENT

TBARCLIP	1½"×1¼"
Finish	CH
Attaches track to	T-har drop ceilings

Attaches track to T-bar drop ceilings Use two for 2 foot or 4 foot tracks, three for 6 foot or 8 foot tracks



### SLOPED CEILING HANG-STRAIGHT ADAPTER

#### **SK14**

Finish BK, BN, DB, WT

Max capacity: 7A, 800w, 120v Use with suspension kits to accommodate sloped ceilings



#### SUSPENSION ADJUSTMENT COLLAR

### SK05

Finish BK, BN, DB, WT

Used when suspension rod is field cut to custom lengths



#### WALL MOUNTED TRACK SUSPENSION BRACKET

### **TBKT**

Finish BK, BN, DB, WT

Supports track and fixtures Extends 24 inches from wall. Use two per 4 foot length, three per 8 foot length

Finish Key BK-Black, BN-Brushed Nickel, DB-Dark Bronze, WT-White



### ALL TRACK SUSPENSION KITS

21/12	18 "
SK24	24"*
SK36	36"*
SK48	48"*
Finish	RK RN DR WT

Includes track bracket, rod and ceiling canopy

#### SUSPENSION KIT EXTENSIONS

R18	18"
R24	24"
R36	36"
R48	48"
R72	72" †
R96	96" ‡
Finish	BK, BN, DB, WT

Extends track from ceiling



### **ROD COUPLER** (sold separately)

NI.
-----

•••	
Finish B	K, BN, DB, WT

Use for joining two lengths of rod to create suspensions longer than 48 inches

\* Use two suspension kits for 2' and 4' tracks, three kits for 6' and 8' track sections For power to 2-wire systems, add a live end (LLE), flexible connector (LFLX), or straight line power connector (LI-PWR). For power to 3-wire (H-System) or wide 2-wire systems (J-System), connect with HLE or JLE, HI-PWR or JI-PWR, HFLX or JFLX.

- † Shipped as two 36" rods with threaded coupler to be joined in the field
- ‡ Shipped as two 48" rods with threaded coupler to be joined in the field Lengths longer than 96" not recommended as a voltage drop may occur



### LOW VOLTAGE EXTENSIONS

X6	6"
X12	12"
X18	18"
X24	24"
X36	36"
X48	48"
X72	72" †
X96	96" ‡
Finish	BK, BN, DB, WT

Extends track luminaires. Specify extension, fixture and finish (ie., X18-HHT-809-WT).

Available as complete, factory-assembled unit only.

- † Shipped as two 36" rods with threaded coupler to be joined in the field
- ‡ Shipped as two 48" rods with threaded coupler to be joined in the field Lengths longer than 96" not recommended



### **H LINE VOLTAGE EXTENSIONS**

H18	18"
H24	24"
H36	36"
H48	48"
Finish	BK, BN, DB, WT

Extends H System HTK line voltage track luminaires





#### J2 SYSTEM TRACK

J2-T4	47¼″ x	1 13/16"	Х	1″
J2-T8	94½" x	1 <sup>13</sup> /16"	х	1″
J2-T12	142" x	1 <sup>13</sup> / <sub>16</sub> "	Х	1″
Finish	BK, PT, V	VT		





J2 System Adapter J style fixture with JCLIP

#### Circuit No. 1 - lower Circuit

- 1. Insert fixture into the track
- 2. Rotate adapter 90° until arrow points to the polarity line on the track

#### Circuit No. 2 – Upper Circuit

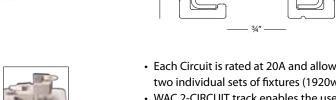
- 1. Lift the copper tab marked "P" with a screw driver
- 2. Insert the plastic clip (JCLIP see page 212) supplied under the copper tab marked "P"
- 3. Insert fixture into the track
- 4. Rotate adapter 90° until arrow points to the polarity line on the track

### One Feed Circuit – two switches

Two switches on one feed circuit provide the convenience and flexibility of using two sets of fixtures on a single run of track. Two sets of fixtures may be used to light two areas or for two applications such as spot lighting and wall washing, all on a single run of track from a single feed point. Two-circuit track is also an economical way to light two areas from a single feed point, eliminating the need to run additional wiring and creating additional holes in the ceiling or wall. One feed circuit is typically limited to  $120v 20A (2400w \times 0.8 = 1920w)$ 

### Two Feed Circuits - two switches

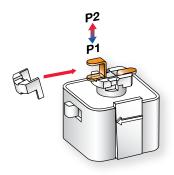
Two switches with two feed circuits provide the same benefits of convenience and economy with the added benefit of doubling the electrical load capacity to  $3840w (2 \times 2400w \times 0.8 = 3840w)$  This is ideal where long runs with many fixtures are anticipated or for applications where many high-wattage fixtures are to be used. Rated 3 wire, two circuit 120/240v, 60Hz, single phase with grounded neutral.

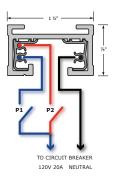


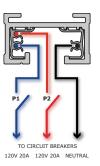
• Each Circuit is rated at 20A and allows the control of two individual sets of fixtures (1920w per circuit)

113/16"

- WAC 2-CIRCUIT track enables the use of two separately fed circuits on one section or run of track
- Two-circuit track saves on installation costs by eliminating the need for long separate feed runs
- Compatible with all JHT and JTK Series track luminaires
- J2-T4 includes 3 JCLIP adapters
- J2-T8 includes 6 JCLIP adapters
- J2-T12 includes 9 JCLIP adapters







Finish Key BK-Black, PT- Platinum, WT-White

# two circuit 120V track components

through the ceiling



### LIVE END CONNECTOR

<b>J2-LE</b> 4¾"	
Finish BK, PT, WT	
Used for direct wiring from conduit	



### "L" CONNECTOR (LEFT)

J2-LLEFT	4¼"x4¼"
Finish	BK, PT, WT

Used to join two track sections to make a 90° angle-left-hand polarity turns



### "I" CONNECTOR

1 CONNECTOR		
<b>J2-I</b> 4½"		
Finish BK, PT, WT		
Straight line connector used to join two sections of track with electrical continuity		



#### "L" END CONNECTOR (RIGHT)

L LIND COINI	Leton (mon)
J2-LRIGHT	4¼"x 4¼"
Finish	RK PT WT

Used to join two track sections to make a 90° angle-right-hand polarity turns



### "I" DEAD END STRAIGHT LINE CONNECTOR

<b>J2-IDEC</b> 3½"	
Finish BK, PT, WT	
Straight line connector used to join two sections of track without	



### "T" CONNECTOR

Cinials DV DT W/T	J2-T	7 " x 4 ¼"
FINISH BK, PT, WT	Finish	BK, PT, WT

Used to join three track sections to make a "T" configuration



### "I" STRAIGHT LINE

TOWERCONNECTOR		
J2-IPWR 7"		
Finish BK, PT, WT		
Power entry point at the connection of two tracks		



### "X" CONNECTOR

J2-X	7" x 7"
Finish	BK, PT, WT

Used to join four track sections to make an "X" configuration



### FLEXIBLE TRACK CONNECTOR

I LEXIDEE III	MCM COMMECTOR
J2-FLX	11½"
Finish	BK, PT, WT
-	

Connects two track sections at variable angles from 60° to 180°. Used as a transition from wall to wall, wall to ceiling, or ceiling to ceiling. Power feedable.



### **OCTAGON BOX COVER**

J2-UCP	41/8" x 41/8"
Finish	BK, PT, WT

Octagon box cover, used with J2-IPWR, J2-LE, J2-LRIGHT, J2-LLEFT, J2-T and J2-X for octagon box feed



### **BX CONNECTOR**

J2-BXLE	5%"
Finish	BK, PT, WT

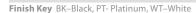
Live end connector for use with surface mounted BX or non-metallic sheathed cable. Will also provide a through the ceiling connection.



### T-BAR END FEED

J2-TBLE	4 1/8" x 4 1/8"
Finish	BK, PT, WT
Feeds track from	n ahove when T-Rar is

Feeds track from above when T-Bar is directly above track





# two circuit 120V track components

### WIRE WAY COVER

J2-WCOV	10½"
Finish	BK, BN, DB, WT

Wire way cover for suspended track Conceals electrical feed wires from stem to track live end



### 2-CIRCUIT TRACK CONVERSION CLIP

### **JCLIP**

inish WT

Locks connectors into the 2 circuit mode. For use with J system 2-circuit track only



### T-BAR DROP CEILING ATTACHMENT

### **TBARCLIP**

Finish CH

Attaches track to T-bar drop ceilings Use two for 4 foot tracks, four for 8 foot tracks, and six for 12 foot tracks



### ALL TRACK SUSPENSION KITS

SK18	18″*
SK24	24"*
SK36	36"*
SK48	48"*
Finish	RK DT W/T

Includes track bracket, rod and ceiling canopy

### SUSPENSION KIT EXTENSIONS

R18	18"
R24	24"
R36	36"
R48	48"
R72	72" †
R96	96" ‡
Finish	BK, PT, WT

Extends track from ceiling



### **ROD COUPLER** (sold separately)

#### RI

inish BK, PT, WT

Use for joining two lengths of rod to create suspensions longer than 48"

- \* Use two suspension kits for 4' tracks, three kits for 8' track, and four kits for 12' track. For power to J2 systems, add a live end(J2-LE) or flexible connector (J2-FLX), or straight line power connector(J2-IPWR)
- † Shipped as two 36" rods with threaded coupler to be joined in the field
- ‡ Shipped as two 48" rods with threaded coupler to be joined in the field Lengths longer than 96" not recommended as a voltage drop may occur



### SLOPED CEILING HANG-STRAIGHT ADAPTER

### SK14

Finish BK, PT, WT

Maximum capacity: 7A, 800w, 120v Use with suspension kits to accommodate sloped ceilings



### SUSPENSION ADJUSTMENT COLLAR

### SK05

Finish BK, PT, WT

Used when suspension rod is field cut to custom lengths



### LOW VOLTAGE EXTENSIONS

Х6	6"
X12	12"
X18	18"
X24	24"
X36	36"
X48	48"
X72	72" †
X96	96"‡
Finish	BK. PT. WT

Extends track luminaires. Specify extension, fixture and finish Example X18-JHT-809-WT.

Available as complete, factory-assembled unit only.

- $\dagger$  Shipped as two 36" rods with threaded coupler to be joined in the field.
- ‡ Shipped as two 48" rods with threaded coupler to be joined in the field. Lengths longer than 96" not recommended as a voltage drop may occur.



### TRACK SUSPENSION BRACKET

### **TBKT**

Finish BK, BN, DB, WT

Supports track and fixtures. Extends 24 inches from wall. Use two per 4 foot length, three per 8 foot length and four per 12 foot length

Finish Key BK-Black, CH- Chrome, DB- Dark Bronze, PT- Platinum, WT-White

### track current limiter

### **Track Lighting Energy Code Compliance Made Easy**

- The WAC Track Current Limiter is easy to install and assures compliance to California Title 24 or ASHRAE 90.1 requirements
- Energy code track installations are subject to wattage limitations based upon the size and usage of the space
- To specify the appropriate Current Limiter, simply select the model number which corresponds to the H, L, J or J2Track systems and the maximum allowable wattage
- The Track Current Limiter may be mounted as a standard canopy, used in place of an "I" connector or as a Live-end

### TITLE 24 Guidelines for calculating wattage on Line Voltage Track:

The wattage for track lights on line-voltage tracks shall be determined by one of the following two methods:

- 1. Volt-Ampere (VA) rating of the branch circuit(s) feeding the tracks, or the higher of:
- Wattage (or VA) rating of an integral current limiter controlling the track system, or
- · 15 watts per linear foot of track
- The higher of 45W per linear foot of the track, or total wattage of all of the luminaires included in the system

### For specific lighting calculations refer to: Title 24, Section 5 - Indoor Lighting

### ASHRAE/IESNA 90.1 Guidelines:

- Luminaire wattage incorporated into the installed interior lighting power shall be determined in accordance with the following criteria:
- For line voltage lighting track and plug-in busway, designed to allow the addition and/or relocation of luminaires without altering the wiring of the system, the wattage shall be:
- 1. The specified wattage of the luminaires included in the system with a minimum of 30w/linear foot or
- 2. The wattage limit of the system's circuit breaker or
- 3. The wattage limit of other permanent current–limiting device(s) on the system
- The wattage of the low voltage lighting track, cable conductor, rail conductor, and other flexible lighting systems that allow the addition and/or relocation of luminaires without altering the wiring of the system shall be the specified wattage of the transformer supplying the system

For specific lighting calculations refer to: ASHRAE/IESNA Standard 90.1–2007, 9.1.4 - Luminaire Wattage

	Н	L	J	J2
BK (Black)	•	•	•	•
<b>BN</b> (Brushed Nickel)	•	•	•	
<b>DB</b> (Dark Bronze)	•	•	•	
PT (Platinum)			•	•
WT (White)				

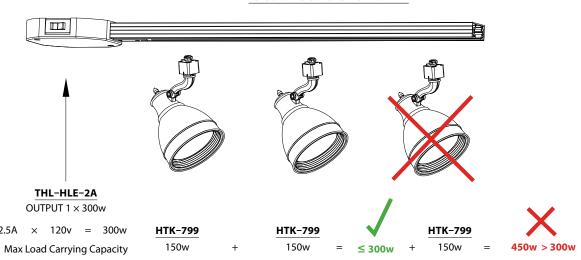
### **How It Works**

- If the track is overloaded, the Current Limiter circuit breaker will trip and shut down power to the track
- The device maybe reset when the overall sum of fixture wattages are reduced below the circuit breaker rating

### It's that easy to ensure energy efficient usage of track installations



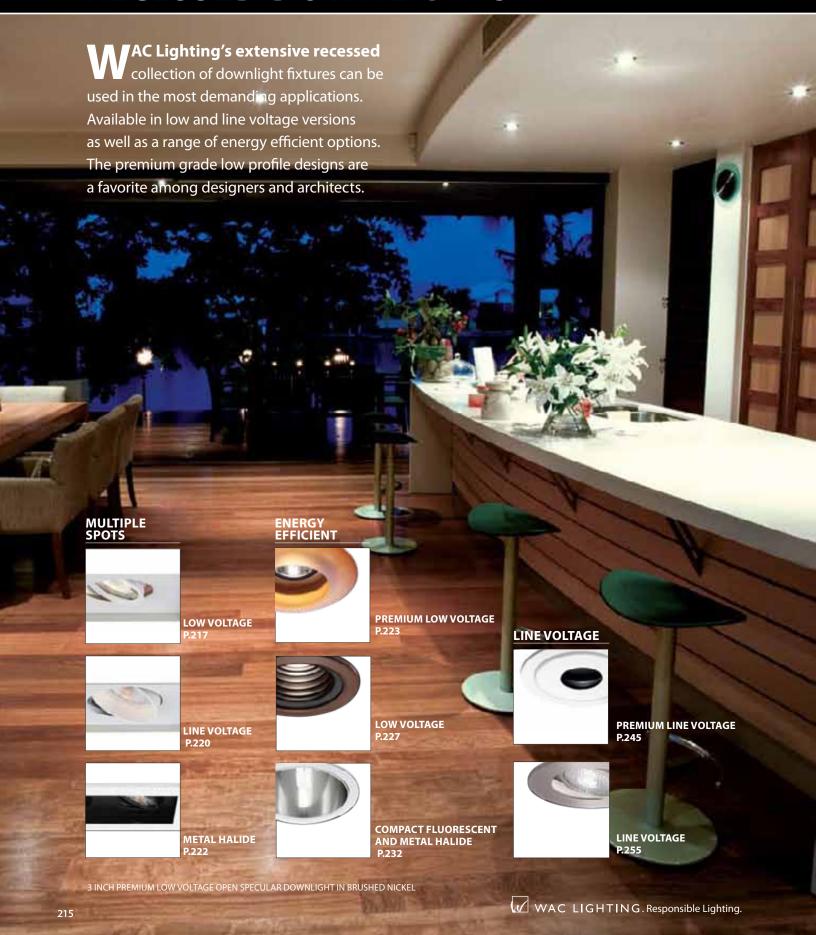
• Overall Dimensions: 7.5"  $\times$  5"  $\times$  1.2"



# track current limiter

MODEL	H TRACK	L TRACK	JTRACK	J2 TRACK	CIRCUIT BREAKER (Amps)	OUTPUT WATTAGE
Track Current Limiter	THL-HLE-1A	TLL-LLE-1A	TJL-JLE-1A		1x1.0	1×120W
Single Live End				TJL-J2LE-2-1A	2x1.0	2×120W
	THL-HLE-2A	TLL-LLE-2A	TJL-JLE-2A		1x2.5	1×300W
				TJL-J2LE-2-2A	2x2.5	2×300W
	THL-HLE-5A	TLL-LLE-5A	TJL-JLE-5A		1x5.0	1×600W
				TJL-J2LE-2-5A	2x5.0	2×600W
	THL-HLE-7A	TLL-LLE-7A	TJL-JLE-7A		1x7.5	1×900W
				TJL-J2LE-2-7A	2x7.5	2×900W
	THL-HLE-10A	TLL-LLE-10A	TJL-JLE-10A		1x10.0	1×1200W
				TJL-J2LE-2-10A	2x10.0	2×1200W
Track Current Limiter	THL-HI-1-1A	TLL-LI-1-1A	TJL-JI-1-1A		1x1.0	1×120W
Double Live End	THL-HI-2-1A	TLL-LI-2-1A	TJL-JI-2-1A	TJL-J2I-2-1A	2x1.0	2×120W
	THL-HI-1-2A	TLL-LI-1-2A	TJL-JI-1-2A		1x2.5	1×300W
	THL-HI-2-2A	TLL-LI-2-2A	TJL-JI-2-2A	TJL-J2I-2-2A	2x2.5	2×300W
	THL-HI-1-5A	TLL-LI-1-5A	TJL-JI-1-5A		1x5.0	1×600W
*	THL-HI-2-5A	TLL-LI-2-5A	TJL-JI-2-5A	TJL-J2I-2-5A	2x5.0	2×600W
	THL-HI-1-7A	TLL-LI-1-7A	TJL-JI-1-7A		1x7.5	1×900W
	THL-HI-2-7A	TLL-LI-2-7A	TJL-JI-2-7A	TJL-J2I-2-7A	2x7.5	2×900W
	THL-HI-1-10A	TLL-LI-1-10A	TJL-JI-1-10A		1x10.0	1×1200W
	THL-HI-2-10A	TLL-LI-2-10A	TJL-JI-2-10A	TJL-J2I-2-10A	2x10.0	2×1200W
Track Current Limiter	THL-LEFT-1-1A	TLL-LEFT-1-1A	TJL-LEFT-1-1A		1x1.0	1×120W
Double Live End (Left)	THL-LEFT-2-1A	TLL-LEFT-2-1A	TJL-LEFT-2-1A	TJL-J2-LEFT-2-1A	2x1.0	2×120W
	THL-LEFT-1-2A	TLL-LEFT-1-2A	TJL-LEFT-1-2A		1x2.5	1×300W
	THL-LEFT-2-2A	TLL-LEFT-2-2A	TJL-LEFT-2-2A	TJL-J2-LEFT-2-2A	2x2.5	2×300W
	THL-LEFT-1-5A	TLL-LEFT-1-5A	TJL-LEFT-1-5A		1x5.0	1×600W
	THL-LEFT-2-5A	TLL-LEFT-2-5A	TJL-LEFT-2-5A	TJL-J2-LEFT-2-5A	2x5.0	2×600W
-	THL-LEFT-1-7A	TLL-LEFT-1-7A	TJL-LEFT-1-7A		1x7.5	1×900W
	THL-LEFT-2-7A	TLL-LEFT-2-7A	TJL-LEFT-2-7A	TJL-J2-LEFT-2-7A	2x7.5	2×900W
	THL-LEFT-1-10A	TLL-LEFT-1-10A	TJL-LEFT-1-10A		1x10.0	1×1200W
	THL-LEFT-2-10A	TLL-LEFT-2-10A	TJL-LEFT-2-10A	TJL-J2-LEFT-2-10A	2x10.0	2×1200W
Track Current Limiter	THL-RIGHT-1-1A	TLL-RIGHT-1-1A	TJL-RIGHT-1-1A		1x1.0	1×120W
Double Live End (Right)	THL-RIGHT-2-1A	TLL-RIGHT-2-1A	TJL-RIGHT-2-1A	TJL-J2-RIGHT-2-1A	2x1.0	2×120W
	THL-RIGHT-1-2A	TLL-RIGHT-1-2A	TJL-RIGHT-1-2A		1x2.5	1×300W
2	THL-RIGHT-2-2A	TLL-RIGHT-2-2A	TJL-RIGHT-2-2A	TJL-J2-RIGHT-2-2A	2x2.5	2×300W
	THL-RIGHT-1-5A	TLL-RIGHT-1-5A	TJL-RIGHT-1-5A		1x5.0	1×600W
A	THL-RIGHT-2-5A	TLL-RIGHT-2-5A	TJL-RIGHT-2-5A	TJL-J2-RIGHT-2-5A	2x5.0	2×600W
	THL-RIGHT-1-7A	TLL-RIGHT-1-7A	TJL-RIGHT-1-7A		1x7.5	1×900W
	THL-RIGHT-2-7A	TLL-RIGHT-2-7A	TJL-RIGHT-2-7A	TJL-J2-RIGHT-2-7A	2x7.5	2×900W
	THL-RIGHT-1-10A	TLL-RIGHT-1-10A	TJL-RIGHT-1-10A		1x10.0	1×1200W
	THL-RIGHT-2-10A	TLL-RIGHT-2-10A	TJL-RIGHT-2-10A	TJL-J2-RIGHT-2-10A	2x10.0	2×1200W

# **RECESSED DOWNLIGHTS**



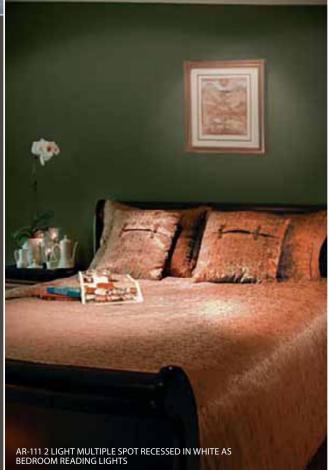


### **FEATURES**

- Fixtures available in 3 inch, 4 inch, 5 inch, 6 inch and 8 inch aperture sizes to accommodate any design challenge
- Energy efficient options include low voltage horizontal and vertical compact fluorescent and metal halide downlights
- Trims available in a wide range of designer finishes
- Five year warranty
- Many sustainable options available



Most Sustainable Choice



# MULTIPLE SPOTS

- Low Voltage Multiple Spots may be installed in new construction or in grid ceilings
- Individual adjustable lighting elements offered with minimal extension below the ceiling plane



- · Available with trims in a White with Black or a White with White interior
- Offered in White trimless styles that may be finished into the ceiling for a clean design
- 25° tilt adjustment



TWO LIGHT TRIMLESS MULTIPLE SPOT

MT-216TL-WT

### **MR16**



MT-316-WT/BK

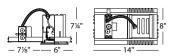
MT-116TL-WT



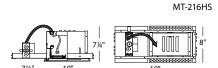


MT-116-WT/BK

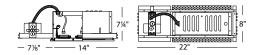




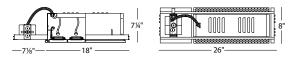
- Non-IC Housings and trim kit ordered separately as needed to minimize job site damage or loss
- Requires 3 inch clearance from insulation on all sides where applicable
- Each lamp is powered with a dedicated 60w transformer for continual independent operation
- Electronic low voltage dimmers are recommended for use with low voltage luminaires
- Trimless design includes patented spackle trim to help ensure smooth ceiling finish and a clean look



MT-316HS



MT-416HS



TRIM OPT	TIONS			TRIMLESS OF	PTIONS		HOUSING			
Trim	Fir	nish	Dimensions	Trimless	Finish	Dimensions		Housing	Cutout	Lamp
	WT/BK	WT/WT			WT					MR16
MT-116	•	•	6" × 6"	MT-116TL	•	53/8" × 53/8"	1 Light	MT-116HS	53/8" × 53/8"	1 × 50w max
MT-216	•	•	10"×6"	MT-216TL	•	9%" × 5%"	2 Lights	MT-216HS	95/8" × 53/8"	$2 \times 50$ w max
MT-316	•	•	$14" \times 6"$	MT-316TL	•	$13\frac{1}{2}$ " × $5\frac{3}{8}$ "	3 Lights	MT-316HS	13¾" × 5¾"	$3 \times 50$ w max
MT-416	•	•	18"×6"	MT-416TL	•	$17\frac{1}{2}$ " × $5\frac{3}{8}$ "	4 Lights	MT-416HS	17¾" × 5¾"	$4 \times 50$ w max

Order lamps separately. Please order housings with corresponding trims

Example MT-316TL-WT trim with MT-316HS housing









### PAR36 or AR111



MT-236TL-WT





MT-336-WT/WT



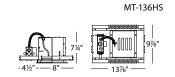


MT-136TL-WT

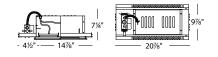
MT-136-WT/WT

- Non-IC Housings and trim kit ordered separately as needed to minimize job site damage or loss
- Requires 3 inch clearance from insulation on all sides where applicable
- Each lamp is powered with a dedicated 75w transformer for continual independent operation
- Electronic low voltage dimmers are recommended for use with low voltage luminaire
- Trimless design includes patented spackle trim to help ensure smooth ceiling finish and a clean look

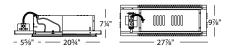




MT-236HS



MT-336HS



TRIM OF	PTIONS			TRIMLESS (	OPTION	S	HOUSING	i			
Trim	Fir	nish	Dimensions	Trimless	Finish	Dimensions		Housing	Cutout	La	mp
	WT/BK	WT/W1	Г		WT					PAR36	AR111
MT-136	•	•	81/8" × 81/8"	MT-136TL	•	73/8" × 73/8"	1 Light	MT-136HS	75/8" × 75/8"	$1 \times 50$ w max	1 × 75w max
MT-236	•	•	$14\%" \times 8\%"$	MT-236TL	•	$14\%" \times 7\%"$	2 Lights	MT-236HS	$14\%6" \times 7\%8"$	$2 \times 50$ w max	$2 \times 75$ w max
MT-336	•	•	20 <sup>3</sup> / <sub>4</sub> " × 8 ½"	MT-336TL	•	201/8" × 73/8"	3 Lights	MT-336HS	$20\%$ " $\times 7\%$ "	$3 \times 50$ w max	$3 \times 75$ w max

Lamps not included. Please order housings with corresponding trims

Example MT-316TL-WT trim with MT-316HS housing





### **MULTIPLE SPOTS**

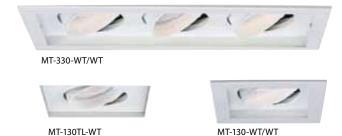
- Line Voltage Multiple Spots may be installed in new construction or in grid ceilings
- Individual adjustable lighting elements offered with minimal extension below the ceiling plane
- Offered with trims in a White with Black interior or a White with White interior
- Offered in White trimless styles that may be finished into the ceiling for a clean design
- 25° tilt adjustment

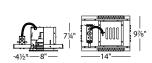


TWO LIGHT TRIMLESS MULTIPLE SPOT

MT-230TL-WT

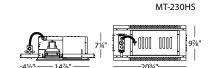
### PAR<sub>30</sub>

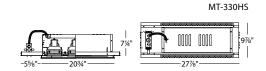




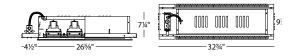
MT-130HS

- · No transformer required
- Non-IC Housings and trim kit may be ordered separately as needed to minimize job site damage or loss
- Requires 3" clearance from insulation on all sides where applicable
- Trimless design includes patented spackle trim to help ensure smooth ceiling finish and a clean look





MT-430HS



TRIM OP	TIONS			TRIMLESS OP	TRIMLESS OPTIONS			HOUSING			
Trim	Fin	nish	Dimensions	Trimless	Finish	Dimensions		Housing	Cutout	Lamp	
	WT/BK	WT/WT			WT					PAR30	
MT-130	•	•	81/8" × 81/8"	MT-130TL	•	73/8" × 73/8"	1 Light	MT-130HS	75/8" × 75/8"	$1 \times 75$ w max	
MT-230	•	•	14%" × 81/8"	MT-230TL	•	$14\%" \times 7\%"$	2 Lights	MT-230HS	$14\%6" \times 75\%"$	$2 \times 75$ w max	
MT-330	•	•	$20\frac{3}{4}$ " × $8\frac{1}{8}$ "	MT-330TL	•	201/8" × 73/8"	3 Lights	MT-330HS	20%" × 7%"	$3 \times 75$ w max	
MT-430	•	•	265/8" × 81/8"	MT-430TL	•	261/8" × 73/8"	4 Lights	MT-430HS	26 <sup>3</sup> / <sub>8</sub> " × 7 <sup>5</sup> / <sub>8</sub> "	$4 \times 75$ w max	
Lamps not included. Please order housings with corresponding trims											

Example MT-230-WT/WT trim with MT-230HS housing







ONE LIGHT TRIMLESS MULTIPLE SPOT

MT-138TL-WT

### PAR38



MT-238-WT/BK



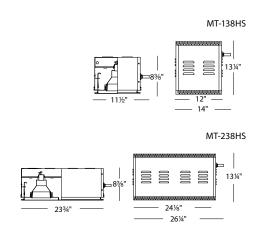


MT-138TL-WT

MT-138-WT/BK

- Non-IC Housings and trim kit may be ordered separately as needed to minimize job site damage or loss
- Requires 3" clearance from insulation on all sides where applicable
- Trimless design includes patented spackle trim to help ensure smooth ceiling finish and a clean look





TRIM OP	TIONS			TRIMLESS OP	TIONS		HOUSIN	IG		
Trim	Fir	nish	Dimensions	Trimless	Finish	Dimensions		Housing	Cutout	Lamp
	WT/BK	WT/WT			WT					PAR38
MT-138	•	•	11½" × 11½"	MT-138TL	•	10%"× 10%"	1 Light	MT-138HS	111/8" × 111/8"	1 × 150w max
MT-238	•	•	$11\frac{1}{2}$ " × $23\frac{5}{8}$ "	MT-238TL	•	23" × 10%"	2 Lights	MT-238HS	23%" × 11%"	$2 \times 150$ w max

Lamps not included. Please order housings with corresponding trims

Example MT-138TL-WT trim with MT-138HS housing





### **MULTIPLE SPOTS**



- · First metal halide reflector lamp to integrate high output, excellent light quality and superb energy efficiency in a compact highly distinctive package equivalent in size to an MR16 halogen
- Provides improved discharge arc offering excellent color stability and color rendering
- · Offered with trims in White with Black interior or White with White interior

- Offered in White trimless styles that may be finished into the ceiling for a clean design
- 25° tilt adjustment
- Individual adjustable lighting elements offered with minimal extension below the ceiling plane
- Best choice for retail or other applications where color rendering and energy efficiency are important and there is minimal on-off operation



TWO LIGHT TRIMLESS MULTIPLE SPOT

MT-216TL-WT

### HID ES16 USES 20W OR 39W ES16 METAL HALIDE LAMPS





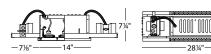




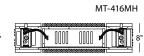


MT-316MH

- Non-IC Housings and trim kit may be ordered separately as needed to minimize job site damage or loss
- Requires 3" clearance from insulation on all sides where applicable
- All fixtures operate on all voltages from 120v through 277v
- Trimless design includes patented spackle trim to help ensure smooth ceiling finish and a clean look
- Integral electronic ballasts







### TRIM OPTIONS

TRIM OF HORS									
Trim	Fin	ish	Dimensions						
	WT/BK	WT/WT							
MT-116	•	•	6"×6"						
MT-216	٠	•	10"×6"						
MT-316	٠	٠	14"×6"						
MT-416	•	•	18"×6"						

### TRIMLESS OPTIONS

Trimless	Finish WT	Dimensions
MT-116TL	•	5 <sup>3</sup> / <sub>8</sub> " × 5 <sup>3</sup> / <sub>8</sub> "
MT-216TL	•	93/8" × 53/8"
MT-316TL	•	13½" × 5¾"
MT-416TL	•	17½"×5%"

### HOUSING

HOUSING			
	Housing	Cutout	Lamp
			HID ES16
1 Light	MT-116MH-20	55/8" × 55/8"	1 × 20w
	MT-116MH-35		1 × 39w
2 Lights	MT-216MH-20	95/8" × 55/8"	2 × 20w
	MT-216MH-35		$2 \times 39w$
3 Lights	MT-316MH-20	13¾"×55/8"	3 × 20w
	MT-316MH-35		$3 \times 39 w$
4 Lights	MT-416MH-20	17 <sup>3</sup> / <sub>4</sub> "×5 <sup>5</sup> / <sub>8</sub> "	4 × 20w
	MT-416MH-35		$4 \times 39 w$

Lamps not included. Please order housings with corresponding trims

Example MT-316-WT/WT trim with MT-316MH-20 housing









TWO LIGHT TRIMLESS MULTIPLE SPOT

MT-230MHTL-WT

# $HID\ PAR30\ Uses\ 20w, 39w\ or\ 70w\ metal\ halide\ lamps$



MT-330MH-WT/WT

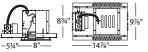




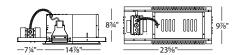
MT-130MHTL-WT

MT-130MH-WT/WT

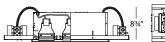


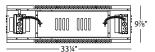


MT-230MH



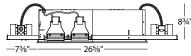
- Non-IC Housings and trim kit may be ordered separately as needed to minimize job site damage or loss
- Requires 3" clearance from insulation on all sides where applicable
- All fixtures operate on all voltages from 120v through 277v
- Trimless design includes patented spackle trim to help ensure smooth ceiling finish and a clean look
- Integral electronic ballasts

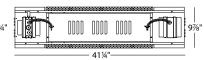




MT-430MH

MT-330MH





### TRIM OPTIONS

Trim	Finish		Dimensions
	WT/BK	WT/WT	
MT-130MH	•	٠	81/8" × 81/8"
MT-230MH	٠	٠	14%" × 81/8"
MT-330MH	•	٠	20 <sup>3</sup> / <sub>4</sub> " × 8½"
MT-430MH	•	•	265/8" × 81/8"

### TRIMLESS OPTIONS

Trimless	Finish WT	Dimensions
MT-130MHTL	٠	7%" × 7%"
MT-230MHTL	•	141/8" × 73/8"
MT-330MHTL	•	201/8" × 73/8"
MT-430MHTL	•	261/8" × 73/8"

### **HOUSING**

	Housing	Cutout	Lamp HID PAR30
1 Light	MT-130MH-20 MT-130MH-39 MT-130MH-70	75/8" × 75/8"	1 × 20w 1 × 39w 1 × 70w
2 Lights	MT-230MH-20 MT-230MH-39 MT-230MH-70	147/16" × 75/8"	2 × 20w 2 × 39w 2 × 70w
3 Lights	MT-330MH-20 MT-330MH-39 MT-330MH-70	20%" × 75%"	3 × 20w 3 × 39w 3 × 70w
4 Lights	MT-430MH-20 MT-430MH-39 MT-430MH-70	26 <sup>3</sup> / <sub>8</sub> " × 7 <sup>5</sup> / <sub>8</sub> "	4 × 20w 4 × 39w 4 × 70w

Lamps not included. Please order housings with corresponding trims

Example MT-430MH-WT/WT trim with MT-430MH-39 housing

Finish Key BK-Black, WT-White cUL) us



### **Architectural Grade Recessed Fixtures**



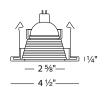
- 3" Premium Low Voltage trims, have 3 inch cutouts and 2 inch apertures
- · Abrasion resistant finish
- · Solid die cast aluminum construction with heavy gauge retention clips to firmly hold trim to housing
- Transformer and junction box accessible from below the ceiling
- · Re-lamp without removing entire trim from ceiling
- Variety of decorative and performance trim options
- Low voltage operate more efficiently than incandescent, with energy savings of approximately 66%

### PERFECTLY FLUSH TO CEILING EVERYTIME

- · Simply twist trim to unlock and pull out reflector with lamp
- · New lamp easily clips in from the top of the reflector for a no hassle answer to replacing those tough to access recessed lights!
- · Re-lamp without removing entire trim from ceiling
- · Cassette construction is featured in Premium 3 inch and 4 inch trims







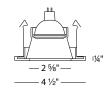
#### **BASIC BAFFLE** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle	Trim
HR-D324	BK/BN BK/WT WT/WT	Black Black White	Brushed Nickel White White
Lamp	Housing		
MR16 50w max	1 2 3 4		

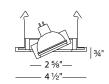
Order lamp separately. Clear lens included. Other lens options see p.231

### Model Shown HR-D324-BK/BN









### **OPEN SPECULAR** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Reflector	Trim
HR-D321	BK/WT SC/BN SC/WT	Specular Black Specular Clear Specular Clear	White Brushed Nickel White
Lamp		Housing	
MR16 50w max		1 2 3	4
0 1 1	CI I		

Order lamp separately. Clear lens included Other lens options see p.231

Model Shown HR-D321-SC/WT

### ADJUSTABLE GIMBAL RING 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim
HR-D327	BK BN WT	Black Brushed Nickel White
Lamp		Housing
MR16 50w max		1 2 3 4

Order lamp separately. Clear lens included Other lens options see p.231

Model Shown HR-D327-WT

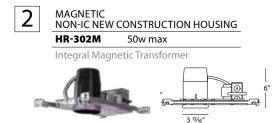


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- NON-IC downlight, 3" clearance on all sides must be maintained when insulation is present Integral Electronic Transformer features auto-reset, short circuit, and soft start technologies that maximize lamp life
- · J-Box and transformer accessible through ceiling opening
- · UL listed for through branch circuit wiring



- Cutout: 3 %"
- NON-IC downlight, 3" clearance on all sides must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
- · UL listed for through branch circuit wiring





MIN 15'

MAX 24 1/2"

# 3" die cast aluminum downlights









SHOWER LIGHT





180° SHIELDED WALL WASH 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim	
HR-D334	BN WT	Brushed Nickel White	
Lamp		Housing	
MR16 50w max		1 2 3 4	
Order lamp constately	. Classians in .	-111	

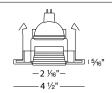
Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-D334-BN

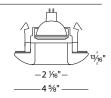


### Example HR-D329-WT









**PIN HOLE** 

Model	Finish	Baffle	Trim
HR-D325	BK/WT WT/WT	Black White	White White
Lamp		Ho	using
MR16 35w max		1 2	3 4

Order lamp separately. Clear lens included Other lens options see p.231

### **ETCHED GLASS RING**

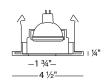
Model	Finish	Glass	Trim	
HR-D332	AM WT	Amber White	White White	
Lamp		Ноц	using	
MR16 50w max		1 2	3 4	

Order lamp separately. Clear lens included Other lens options see p.231

Model Shown HR-D332-AM

### Model Shown HR-D325-BK/WT









### 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim
HR-D326	BK BN WT	Black Brushed Nickel White
Lamp		Housing
MR16 35w max		1 2 3 4

Order lamp separately. Clear lens included

Other lens options see p.231

**GLASS CYLINDER** 

Model	Finish	Glass	Trim	
HR-D333	AM/WT WT/WT	Amber White	White White	
Lamp		Но	using	
MR16 50w max		1 2	3 4	

Order lamp separately. Clear lens included Other lens options see p.231

Model Shown HR-D333-AM/WT

### Model Shown HR-D326-WT

### ELECTRONIC

NON-IC REMODE	LHOUSING	
HR-301E	50w max	
Integral Electronic	Transformer	

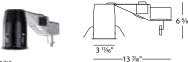


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- NON-IC downlight, 3" clearance on all sides must be maintained when insulation is present Integral Electronic Transformer features auto-reset, short circuit, and soft start technologies
- J-Box and transformer accessible through ceiling opening
- UL listed for direct chain wiring to other housings

### MAGNETIC

NON-IC REMODEL HOUSING					
HR-301M	50w max				
Integral Magnetic Transformer					



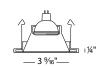
- NON-IC downlight, 3" clearance on all sides must be maintained when insulation is present
- Integral Electronic Transformer features auto-reset, short circuit, and soft start technologies
- J-Box and transformer accessible through ceiling opening
- UL listed for direct chain wiring to other housings



### PREMIUM LOW VOLTAGE

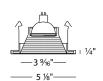






5 1/8"



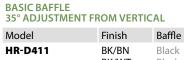


**OPEN REFLECTOR** 35° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle	Trim
HR-D412	BK/WT SC/BN SC/WT	Specular Black Specular Clear Specular Clear	White Brushed Nickel White
Lamp		Housing	
MR16 50w max		1 2 4	5 6
MR16 75w max		3	

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-D412-SC/WT

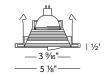


Model	Finish	Baffle	Trim
HR-D411	BK/BN BK/WT WT/WT	Black Black White	Brushed Nickel White White
Lamp		Hous	ing
MR16 50w max		1 2	4 5 6
MR16 75w max		3	

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-D411-WT/WT











WALL WASH 35° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle	Trim
HR-D419	BK/WT WT/WT	Black White	White White
Lamp	VV 1/ VV 1	Hous	
MR16 50w max		1 2 3	4 5 6
0 1 1	0.1		

Order lamp separately. Other lens options see p.231

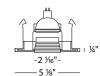


Model	Finish	Trim	
HR-D418	CB WT	Copper Bronze White	
Lamp		Housing	
MR16 50w max	1 2	3 4 5 6	
Order lamp separately. Other lens options see p.231			

Example HR-D418-WT

### Model Shown HR-D419-WT/WT









### **PINHOLE TRIM**

Model	Finish	Baffle	Trim
HR-D415	BK/WT WT/WT	Black White	White White
Lamp	Housing		
MR16 50w max	[	1 2	4 5 6
MR16 75w max		3	

Order lamp separately. Clear lens included Other lens options see p.231

Model Shown HR-D415-BK/WT

**SLOTTED TRIM** 35° ADJUST FROM VERTICAL

Model	Finish	Trim		
HR-D413	BK WT	Black White		
Lamp		Housing	9	
MR16 50w max		1 2 4	5 6	
MR16 75w max		3		
Order lamp separately. Clear lens included				

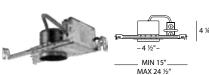
Other lens options see p.231

### Model Shown HR-D413-WT



**HR-8402E** (input 120v) 50w max

Integral Electronic Transformer



Cutout: 4%6"

G S

Z S

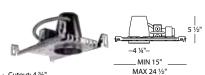
0

- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening • Suitable for use in 2" x 6" joist installations
- · UL listed for through branch circuit wiring



(input 120v) 50w max **HR-8402HF** (input 277v) 50w max

Integral Magnetic Transformer



Cutout: 4 3/8"

- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
- Suitable for use in 2" x 6" joist installations
- · UL listed for through branch circuit wiring

### MAGNETIC NON-IC NEW **CONSTRUCTION HOUSING**

HR-8402HL (input 120v) 75w max HR-8402HFL (input 277v) 75w max Integral Magnetic Transformer



- Cutout: 4 3/8"
- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
- UL listed for through branch circuit wiring





# 4" die cast aluminum downlights





**GIMBAL RING** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim
HR-D417	BK BN WT	Black Brushed Nickel White
Lamp		Housing
MR16 50w max		1 2 4 5 6
MR16 75w max		3

Order lamp separately. Clear lens included

### Model Shown HR-D417-WT



**DIRECTIONAL SPOT** 80° ADJUSTMENT FROM VERTICAL

Finish	Trim
BK BN WT	Black Brushed Nickel White
	Housing
	1 2 4 5 6
	3
	BK BN

Order lamp separately. Clear lens included. Fingertip relamping Other lens options see p.231

### Model Shown HR-D425-BN





### **ETCHED GLASS RING**

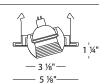
Model	Finish	Trim	
HR-D423	AM	AM Amber	
	BL	Blue	
	WT	White	
Lamp	Housing		
MR16 50w max		1 2 4 5 6	
MR16 75w max		3	

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-D423-AM







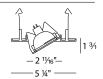
30° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle	Trim	
HR-D414	BK/WT WT/WT	Black White	White White	
Lamp		Но	using	
MR16 50w max		1 2	4 5 6	
MR16 75w max		[	3	

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-D414-BK/WT





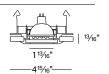
### **DIRECTIONAL SPOT** 30° ADJUSTMENT FROM VERTICAL

Model	Finish	ish Trim				
HR-D416	BK BN WT	Black Brushed Nickel White				
Lamp		Housing				
MR16 50w max		1 2 4 5 6				
MR16 75w max		3				

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-D416-WT





### CLEAR ACRYLIC DISC

Model	Finish Center Ring									
HR-D420	CH Chrome									
Lamp		Housing								
MR16 50w max		1	2	3	4	5	6			
Order lamp separately. Clear lens included						_				

Other lens options see p.231

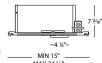
### Model Shown HR-D420-CH



### MAGNETIC IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

HR-8403H (input 120v) 50w max HR-8403HF 50w max (input 277v)

Integral Magnetic Transformer



- MAX 24 1/21
- Cutout: 4 %' Order RGK gasket kit separately to ensure airtight installation
- · J-Box and transformer accessible through ceiling opening
- UL listed for through branch circuit wiring

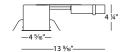


### **ELECTRONIC** NON-IC REMODEL HOUSING

**HR-8401E** (input 120v) 50w max

Integral Electronic Transformer





- Cutout: 4 %6"
- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
- Suitable for use in 2" x 6" joist installations
  UL listed for direct chain wiring to other housings

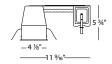


### MAGNETIC NON-IC REMODEL HOUSING

HR-8401H (input 120v) 50w max HR-8401HF 50w max (input 277v)

Integral Magnetic Transformer





- Cutout: 4 %'
- 3" clearance must be maintained when insulation is present
- $\,$  J-Box and transformer accessible through ceiling opening
- Suitable for use in 2" x 6" joist installations
- · UL listed for direct chain wiring to other housings







- · Wide range of trim colors and designs
- Offer superior color rendering, as compared to standard incandescent lamps
- · Low voltage operates more efficiently than incandescent, with energy savings of approximately 66%
- 3" Low Voltage trims, have 3 inch cutouts and 2 inch apertures









### **METAL TRIM**

Model	Finish	Trim				
HR-836	BK BN CB PB WT	Black Brushed Nickel Copper Bronze Polished Brass White				
Lamp		Hous	sing			
MR16 35w max	1	2				
MR16 50w max			3	4		

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-836-PB

### METAL TRIM WITH STEP BAFFLE

Model	Finish	Baffle	Trim			
HR-834	BN CB WT WT/WT	Black Black Black White		ed Nickel er Bronze		
Lamp		Hou	sing			
MR16 35w max	1	2				
MR16 50w max			3	4		
Order lamp separately. Clear lens included						

Other lens options see p.231

### Model Shown HR-834-CB









### **BEVELED ROUND DIE CAST TRIM**

Model	Finish	Trim		
HR-833	BN WT	Brushed N White	ickel	
Lamp		Hous	sing	
MR16 35w max	1	2		
MR16 50w max			3	4
0 1 1	e			

Order lamp separately. Clear lens included Other lens options see p.231

Model Shown HR-833-WT

### **ROUND MINIATURE DIRECTIONAL SPOT** 15° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim				
HR-837	BK BN CB CH PB WT	Black Brushed Nick Copper Bron Chrome Polished Bra White	ize			
Lamp		Housi	ng			
MR16 35w max	1	2				
MR16 50w max			3	4		
Order lamp separately. Clear lens included						

Other lens options see p.231

Model Shown HR-837-WT

OUSINGS

### NON-IC HOUSING

IR-800	35w max

Thermal protection in transformers only Order remote transformer separately





- · Low profile housing with snap-out style mounting clips



### NON-IC REMODEL HOUSING

HR-806	35w max

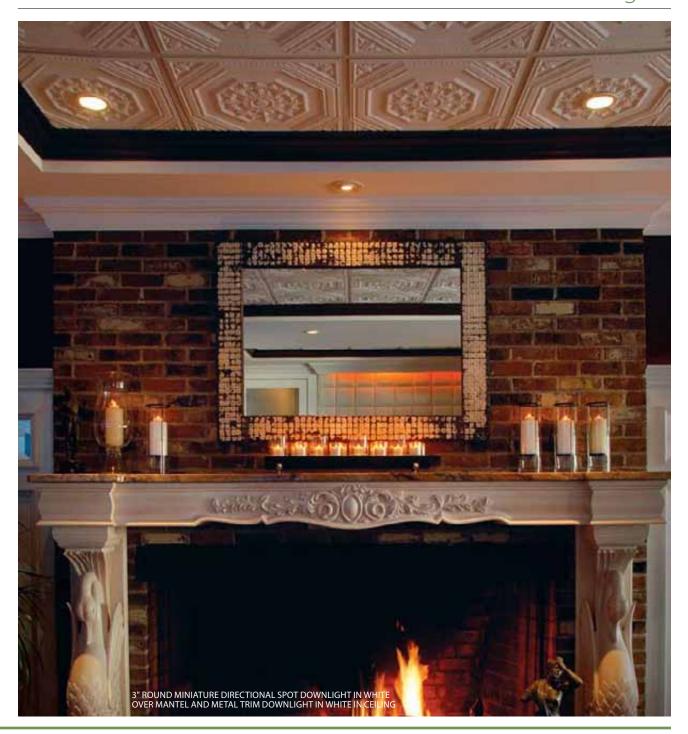
Order remote transformer separately Features integral thermal protector



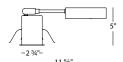


- Cutout: 3"
- 3" clearance on all sides must be maintained when insulation is present
- Low profile housing with snap-out style mounting clips
   Order remote transformer separately









- Cutout: 3"

   11 5%"

   3" clearance on all sides must be maintained when insulation is present

  J-box and transformer accessible through ceiling opening

  Electronic transformers features auto-reset, short-circuit, and soft start technologies
- May be used in shallow 2" x 6" joist installations
   UL listed for direct chain wiring to other housings



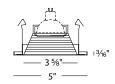
# ELECTRONIC NON-IC NEW CONSTRUCTION HOUSING

HR-802 50w max Integral Electronic Tansformer 2 13/16" MIN 15" MAX 24 ½" • Cutout: 3"

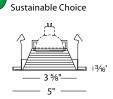
- 3" clearance on all sides must be maintained when insulation is present
- J-box and transformer accessible through ceiling opening
- Electronic transformers features auto-reset, short-circuit, and soft start technologies
- May be used in shallow 2" x 6" joist installations
- · Captive hanger bars included
- UL listed for direct chain wiring to other housings











### STEP BAFFLE 35° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle		Trim	
HR-8411	BN CB WT WT/WT	Black Copper Broa Black White	nze		-
Lamp		Housi	ing		
MR16 50w max	1	2	4	5	6
MR16 75w max		3			
0 1 1	CI .				

Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-8411-BN

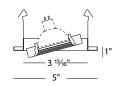
### **OPEN SPECULAR** 35° ADJUSTMENT FROM VERTICAL

Model	Finish	Reflector		Trim	
HR-8412	BK BN CB CL	Black Clear Clear Clear			hed Nickel per Bronze
Lamp		Ног	using		
MR16 50w max	1	2	4	5	6
MR16 75w max		3			

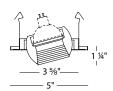
Order lamp separately. Clear lens included Other lens options see p.231

### Model Shown HR-8412-CL









### **GIMBAL RING** 25° ADJUSTMENT FROM VERTICAL

Model	Finish		Trim				
HR-8417	BK BN CB WT			hed N ber B	Nickel ronze		
Lamp			Hous	ing			
MR16 50w max	1	2		4	5	6	
MR16 75w max			3				
Order lamp constately	Classiansins	ludad					

Order lamp separately. Clear lens included Other lens options see p.231

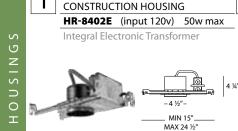
Model Shown HR-8417-CB

**EYEBALL** 35° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle		Trim		
HR-8414	CB WT WT/WT	Copper Bronze Black White		k White		
Lamp		H	lousing			
MR16 50w max	1	2	4	5	6	
MR16 75w max		[:	3			
Order Jamp separately Clear Jens included						

Other lens options see p.231

### Model Shown HR-8414-WT/WT



**ELECTRONIC NON-IC NEW** 

- Cutout: 4%6"
- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
   Suitable for use in 2" x 6" joist installations
- · UL listed for through branch circuit wiring

MAGNETIC NON-IC NEW **CONSTRUCTION HOUSING** 

> (input 120v) HR-8402H 50w max HR-8402HF (input 277v) 50w max

Integral Magnetic Transformer



- Cutout: 4 %"
- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
   Suitable for use in 2" x 6" joist installations
- UL listed for through branch circuit wiring

MAGNETIC NON-IC NEW **CONSTRUCTION HOUSING** 

> (input 120v) HR-8402HL 75w max HR-8402HFL (input 277v) 75w max

Integral Magnetic Transformer



- Cutout: 4 %"
- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening

  UL listed for through branch circuit wiring





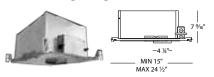




MAGNETIC IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

HR-8403H (input 120v) 50w max HR-8403HF (input 277v) 50w max

Integral Magnetic Transformer



- Cutout: 4 %"
- Order RGK gasket kit separately to ensure airtight installation
- J-Box and transformer accessible through ceiling opening
- · UL listed for through branch circuit wiring

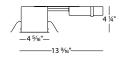


ELECTRONIC NON-IC REMODEL HOUSING

50w max

Integral Electronic Transformer







- 3" clearance must be maintained when insulation is present
- J-Box and transformer accessible through ceiling opening
- Suitable for use in 2" x 6" joist installations
  UL listed for direct chain wiring to other housings

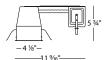


MAGNETIC NON-IC REMODEL HOUSING

HR-8401H (input 120v) 50w max HR-8401HF (input 277v) 50w max

Integral Magnetic Transformer





- Cutout: 4 %"
- 3" clearance must be maintained when insulation is present • J-Box and transformer accessible through ceiling opening
- Suitable for use in 2" x 6" joist installations
  UL listed for direct chain wiring to other housings



# lens accessory compatibility chart

Lenses or other light control accessories can greatly enhance the quality of life or professional design of a space. Certain louvers or lenses can reduce uncomfortable glare by shielding or softening the projected light. Other lenses control light by filtering out wavelengths to protect artwork or to enhance certain colors in the lit object.

See pages 193-194 to learn more.

FIXTURE	COLORED LENS	COLORED DICHROIC LENS	UV FILTER LENS	FROSTED LENS	HONEYCOMB LOUVER (glass lensed lamp required)	SPREAD LENS	BEAM ELONGATING LENS		
Low Voltage 3"	Low Voltage 3" Recessed Trims								
HR-833	•	•	•	•		•	•		
HR-834	•	•	•	•	•	•	•		
HR-836	•	•	•	•		•	•		
HR-837	•	•	•	•	•	•	•		
HR-D321*	•	•	•	•	•	•	•		
HR-D324*	•	•	•	•	•	•	•		
HR-D325*	•	•	•	•	•	•	•		
HR-D326*	•	•	•	•	•	•	•		
HR-D327*	•	•	•	•	•	•	•		
HR-D329									
HR-D332*	•	•	•	•	•	•	•		
HR-D333*	•	•	•	•	•	•	•		
HR-D334*	•	•	•	•	•	•	•		
Low Voltage 4"	Recessed Trims								
HR-8411	•	•	•	•	•	•	•		
HR-8412	•	•	•	•	•	•	•		
HR-8414	•	•	•	•	•	•	•		
HR-8417	•	•	•	•					
HR-D411*	•	•	•	•	•	•	•		
HR-D412*	•	•	•	•	•	•	•		
HR-D413	•	•	•	•	•	•	•		
HR-D414*	•	•	•	•	•	•	•		
HR-D415*	•	•	•	•	•	•	•		
HR-D416*	•	•	•	•	•	•	•		
HR-D417	•	•	•	•					
HR-D418									
HR-D419*	•	•	•	•	•	•	•		
HR-D420*	•	•	•	•	•	•	•		
HR-D423*	•	•	•	•	•	•	•		
HR-D425	•	•	•	•		•	•		

See pages 193-194 for description of lens accessories

<sup>\*</sup>Accepts up to two lenses

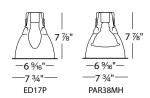
# 6" metal halide downlights

- One piece spun aluminum trim construction for superior light output photometric efficiency
- Full reflector trims provide two different lamp positions for superior performance and variable cutoff option
- · Ballast and junction box accessible from above or below the ceiling

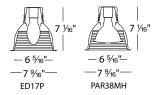












### **DEEP OPEN REFLECTOR**

Model		Finish	Reflector	Trim
R6VT-21MH		SC Specular Clear		White
HID Lamp			Housir	ng
PAR38MH	70w		1	2
PAR38MH	100w		1	2
ED17P	70w		1	2
ED17P	100w		1	2
Order Jamp	senarate	lv		

Model Shown R6VT-21MH-SC

### **DEEP STEP BAFFLE**

Model		Finish	Baffle			Trim		
R6VT-29MH		WT	White			White		
HID Lamp		Housing						
PAR38MH	70w			1	2			
PAR38MH	100w			1	2			
ED17P	70w			1	2			
ED17P	100w			1	2			
Orderlamn	conarate	dv						

Model Shown R6VT-29MH-WT

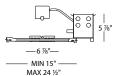
HOUSINGS

### MAGNETIC NON-IC NEW CONSTRUCTION FRAME-IN KIT

R6VM-P38E17-M70	70w	120v
R6VM-P38E17-M100	100w	120v
R6VM-P38E17-M70F	70w	277v
R6VM-P38E17-M100F	100w	277v

Integral Magnetic Ballast





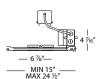
- 3" clearance on all sides must be maintained when insulation is present
- Vertical lamp position allows for high angle cutoff and efficiency
   Supplied with proven core and coil magnetic ballast
- Box and ballast are accessible through ceiling opening
- · UL listed for through branch circuit wiring

**ELECTRONIC NON-IC NEW CONSTRUCTION FRAME-IN KIT** 

R6VM-P38E17-E70	70w	120v/277v
R6VM-P38E17-E100	100w	120v/277v

Integral Electronic Ballast





- 3" clearance on all sides must be maintained when insulation is present.
- Vertical lamp position allows for high angle cutoff and maximum efficiency
   J-Box and ballast are accessible through ceiling opening
- UL listed for through branch circuit wiring

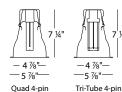


### PREMIUM COMPACT FLUORESCENT

- 5" CFL downlights are best for design jobs where ceiling aesthetics and light output are both a priority
- · Most trims have multiple wattage options
- · Snap-in socket holders secure and position lamps
- Rigid die stamped galvanized steel
- All fixtures operate on all voltages from 120v through 277v











# Tri-Tube 4-pin

#### **OPEN REFLECTOR**

Model		Finish	Reflector	Trim
R5VT-21		SC	Specular Clear	White
CFL Lamp			Housing	
Quad 4-pin	13w		1	
Tri-Tube 4-pin	26w /32w		2	
Lamp not includ	ed			

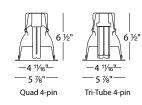
### Model Shown R5VT-21-SC

### **APERTURE CONE**

Model	Finish	Reflector	Trim
R5VT-23	SBK SC WT	Specular Black Specular Clear White	
CFL Lamp		Housing	
Quad 4-pin 13w		1	
Tri-Tube 4-pin 26w /32w		2	
Lamp not included			

### Model Shown R5VT-23-SC









Quad 4-pin



Tri-Tube 4-pin

### **OPEN WHITE REFLECTOR**

Model		Finish	Reflector	Trim	
R5VT-22		WT	White	White	
CFL Lamp			Housing		
Quad 4-pin	13w		1		
Tri-Tube 4-pin	26w /32w			2	
Lamp not included					

Model Shown R5VT-22-WT

### **SHOWER LIGHT DEEP REGRESSED FRESNEL GLASS**

UL listed for wet locations

Model		Finish		Trim	
R5VT-28		WT		White	
CFL Lamp			Н	ousing	
Quad 4-pin	13w		1		
Tri-Tube 4-pin	26w max			2	
Lamp not includ	ed				

Model Shown R5VT-28-WT

OUSINGS

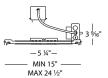
### NON-IC NEW CONSTRUCTION 1 × 13W QUAD 4-PIN FRAME-IN KIT





**Electronic Ballast** 





- Cutout: 5 ¼"
- 3" clearance on all sides must be maintained when insulation is present Vertical lamp position allows for high angle cutoff and efficiency
- UL listed for through branch circuit wiring
- J-Box and ballast are accessible through ceiling opening

### 2

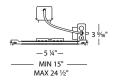
### NON-IC NEW CONSTRUCTION 1 X 26/32W TRI-TUBE 4-PIN FRAME-IN KIT



### R5VF-126/32T

Electronic Ballast





- Cutout: 5 ¼"
- 3" clearance on all sides must be maintained when insulation is present
- Vertical lamp position allows for high angle cutoff and efficiency
- J-Box and ballast are accessible through ceiling opening
- UL listed for through branch circuit wiring







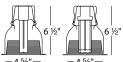




6 ½"

— 4 %" — — 5 %" — Quad 4-pin

— 5 %" — Tri-Tube 4-pin



— 5 %" — Quad 4-pin

— 4 5⁄8"— — 5 ∕8" — Tri-Tube 4-pin

### ALUMINUM STEP BAFFLE

Model		Finish	Baffle	Trim	
R5VT-24		BK WT	Black White	White White	
CFL Lamp		Housing			
Quad 4-pin	13w		1		
Tri-Tube 4-pin	26w /32w		2		
Lamp not included					

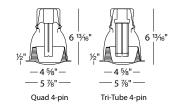
### Model Shown **R5VT-24-BK**

### PHENOLIC STEP BAFFLE

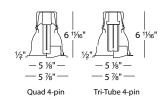
Model		Finish	Baffle	Trim
R5VT-25		WT	White	White
CFL Lamp			Housi	ng
Quad 4-pin	13w		1	
Tri-Tube 4-pin	26w/32w			2
Lamp not includ	ed			

### Model Shown R5VT-25-WT









### SCOOP WALL WASH WITH STEP BAFFLE

Model	Finish	Baffle	Trim	
R5VT-39	WT	White	White	
CFL Lamp	Housing			
Quad 4-pin 13w		1		
Tri-Tube 4-pin 26w/32w			2	
Lamp not included				

### Model Shown R5VT-39-WT

Housing shown on previous page

### SCOOP WALL WASH

Model	Finish	Trim
R5VT-41	WT	White
CFL Lamp		Housing
Quad 4-pin 13w		1
Tri-Tube 4-pin 26w/32w		2
Lamp not included		

Model Shown R5VT-41-WT



# PREMIUM COMPACT FLUORESC







- 7 <sup>3</sup>⁄<sub>4</sub>" —

Quad 4-pin

6 %16"

7 3/4"

Tri-Tube 4-pin





7 13/16" -7 <sup>13</sup>/16" Quad 4-pin Tri-Tube 4-pin

### **DEEP OPEN REFLECTOR**

Model		Finish	Reflector			Trim	
R6VT-21		SC	Specular	Clear		White	
CFL Lamp			Н	ousin	g		
Quad 4-pin	13w		1		3		
Tri-Tube 4-pin	26w		2	2	3		
Tri-Tube 4-pin	32w			2	3		
Lamp not includ	ed						

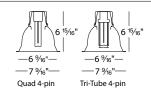
### **OPEN REFLECTOR**

Model	Finish	Reflector	Trim
R6VT-22	SC	Specular Clear	White
CFL Lamp		Housing	
Quad 4-pin 13v	V	1 3	
Tri-Tube 4-pin 26v	V	2 3	
Tri-Tube 4-pin 32v	V	2 3	
Lamp not included			

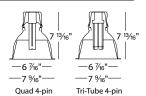
### Model Shown R6VT-22-SC

### Model Shown R6VT-21-SC









### WHITE SPLAY REFLECTOR

Model		Finish	Reflector		Trim	
R6VT-26		WT	White		White	
CFL Lamp			Hou	sing		
Quad 4-pin	13w		1	3		
Tri-Tube 4-pin	26w		2	3		
Tri-Tube 4-pin	32w		2	3		
Lamp not include	ed					

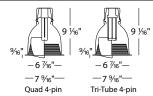
Model	Shown	<b>R6VT</b>	-26-WT

### DEEP APERTURE CONE

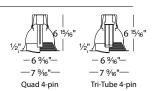
Model		Finish	Reflector	Trim
R6VT-27		SC WT	Specular Clear White	White White
CFL Lamp			Housing	1
Quad 4-pin	13w		1 3	
Tri-Tube 4-pin	26w		2 3	
Tri-Tube 4-pin	32w		2 3	
Lamp not include	ed			

### Model Shown R6VT-27-SC









### DEEP SCOOP WALL WASH WITH BASIC BAFFLE

Model		Finish	Baffle		Trim			
R6VT-58		BK WT	Black White		White White			
CFL Lamp			Housing					
Quad 4-pin	13w		1	3				
Tri-Tube 4-pin	26w		2	3				
Tri-Tube 4-pin	32w		2	3				
Lamp not included								

SCOOP WALL WASH WITH BASIC BAFFLE

Model		Finish	Baffle			Trim	
R6VT-59		WT	White			White	
CFL Lamp				Hous	ing		
Quad 4-pin	13w		1		3		
Tri-Tube 4-pin	26w			2	3		
Tri-Tube 4-pin	32w			2	3		
Lamp not includ	ed						

### Model Shown R6VT-59-WT

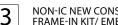
### Model Shown R6VT-58-WT

### NON-IC NEW CONSTRUCTION FRAME-IN KIT



R6VF-126/32T





### NON-IC NEW CONSTRUCTION FRAME-IN KIT/ EMERGENCY BACKUP

#### R6VF-113Q-EM 1x13w Quad 4-pin **R6VF-126/32T-EM** 1x26/32w

Electronic Ballast. Emergency Backup



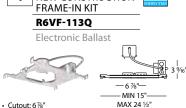


- Cutout: 6%"
- 3" clearance on all sides must be maintained
- when insulation is present

  Integral 90 Minute emergency backup battery pack complies with all current emergency egress codes
- · Pre-wired test switch with surface mounting cover plate • UL listed for through branch circuit wiring



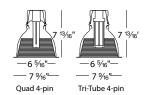
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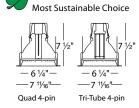


- 3" clearance on all sides must be maintained when insulation is present.

  • Vertical lamp position allows for high angle
- cutoff and maximum efficiency
- J-Box and ballast are accessible through ceiling opening
- UL listed for through branch circuit wiring
- **Electronic Ballast −6%"** - MIN 15" MAX 24 1/2" • Cutout: 6%"
- 3" clearance on all sides must be maintained
- when insulation is present Vertical lamp position allows for high angle
- cutoff and maximum efficiency
- · J-Box and ballast are accessible through ceiling opening
- · UL listed for through branch circuit wiring







### **DEEP STEP BAFFLE**

Model		Finish	Baffle		Trim
R6VT-29		BK WT	Black White		White White
		VVI	vvnite		vvnite
CFL Lamp			Hou	using	
Quad 4-pin	13w		1	3	
Tri-Tube 4-pin	26w		2	3	
Tri-Tube 4-pin	32w		2	3	
Lamp not include	ed				

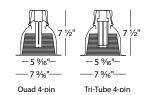
### **SHOWER LIGHT** DEEP REGRESSED FRESNEL GLASS UL listed for wet locations

Model	Finish	Trim
R6VT-34	WT	White
CFL Lamp		Housing
Quad 4-pin 13w		1 3
Tri-Tube 4-pin 26w		2 3
Tri-Tube 4-pin 32w		2 3
Lamp not included		

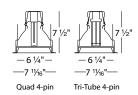
Model Shown R6VT-34-WT

### Model Shown R6VT-29-BK









### **DEEP STEP BAFFLE**

Model		Finish	Baffle		Trim	
R6VT-32		BK WT	Black White		White White	
CFL Lamp			Но	using		
Quad 4-pin	13w		1	3		
Tri-Tube 4-pin	26w		2	3		
Tri-Tube 4-pin	32w		2	3		
Lamp not include	ed					

### Model Shown R6VT-32-BK

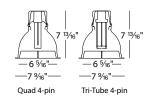
### SHOWER LIGHT DEEP REGRESSED OPAL GLASS

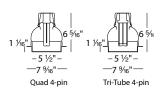
UL listed for wet locations

Model		Finish Trim					
R6VT-35		WT		White	е		
CFL Lamp				Hou	sing		
Quad 4-pin	13w		1		3		
Tri-Tube 4-pin	26w			2	3		
Tri-Tube 4-pin	32w			2	3		
Lamp not include	ed						

### Model Shown R6VT-35-WT







### **CROSS LOUVER**

Model	Finish	Baffle	Trim
R6VT-33	SA WT	Satin Aluminum White	White White
CFL Lamp		Housing	
Quad 4-pin 13w		1 3	
Tri-Tube 4-pin 26w		2 3	
Tri-Tube 4-pin 32w		2 3	
Lamp not included			

### Model Shown R6VT-33-WT

Housing shown on previous page

### **SHOWER LIGHT** SHALLOW DROP OPAL GLASS

UL listed for wet locations

Model	Finish	Trim	
R6VT-63G-S	WT	White	
CFL Lamp		Housing	
Quad 4-pin 13w		1 3	
Tri-Tube 4-pin 26w		2 3	
Tri-Tube 4-pin 32w		2 3	
Lamp not included			

Model Shown R6VT-63G-S-WT





Most Sustainable Choice









### **OPEN REFLECTOR**

Model	Finish	Reflector	Trim
R6HT-21	SC	Specular Clear	White
CFL Lamps		Housing	
Quad 4-pin 2 × 13w		1	4
Quad 4-pin 2 × 18w		2	4
Quad 4-pin 2 × 26w		3	4
Lamps not included			

### **STEP BAFFLE**

Model		Finish	Baffle	Trim	
R6HT-22		WT	White	White	
CFL Lamps			Но	using	
Quad 4-pin	$2 \times 13 w$		1	4	
Quad 4-pin	$2 \times 18w$		2	4	
Quad 4-pin	2 × 26w			3 4	
Lamps not incl	uded				

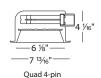
### Model Shown R6HT-22-WT

### Model Shown R6HT-21-SC









**CROSS LOUVER** 

Model	Finish	Cross Louver	Trim
R6HT-23	WT	White	White
CFL Lamps		Housing	
Quad 4-pin 2 × 13w		1	4
Quad 4-pin 2 × 18w		2	4
Quad 4-pin 2 × 26w		3	4
Lamps not included			

### SHOWER LIGHT **REGRESSED FRESNEL LENS (ACRYLIC)** UL listed for wet locations

Model		Finish		Trim		
R6HT-24		WT		Whit	е	
CFL Lamps			Но	using		
Quad 4-pin	$2 \times 13 w$		1		4	
Quad 4-pin	2 × 18w		2		4	
Quad 4-pin	2 × 26w			3	4	
Lamps not inc	luded	,				

Model Shown R6HT-24-WT

### NON-IC NEW CONSTRUCTION FRAME-IN KIT R6HF-213Q Electronic Ballast **−** 6 %"− MIN 15" MAX 24 ½"

NON-IC NEW CONSTRUCTION FRAME-IN KIT







- Cutout: 6%"
- 3" clearance on all sides must be maintained when insulation is present
- J-Box and ballast are accessible through ceiling opening
- · UL listed for through branch circuit wiring

- Cutout: 6%" • 3" clearance on all sides must be maintained when insulation is present
- J-Box and ballast are accessible through ceiling opening
- · UL listed for through branch circuit wiring



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### NON-IC NEW CONSTRUCTION FRAME-IN KIT **R6HF-226Q**

**Electronic Ballast** 



- Cutout: 6%"
- NON-IC downlight, 3" clearance on all sides must be maintained when insulation is present
- · J-Box and ballast are accessible through ceiling opening
- UL listed for through branch circuit wiring



### NON-IC NEW CONSTRUCTION FRAME-IN KIT **EMERGENCY BACKUP**

R6HF-213Q-EM 2 x 13w Quad 4-pin R6HF-218Q-EM 2 x 18w Quad 4-pin R6HF-226Q-EM 2 x 26w Quad 4-pin

Electronic ballast.





- Cutout: 6%"
- 3" clearance on all sides must be maintained when insulation is present
- Integral 90 Minute EM Battery pack complies with all current emergency egress codes
- · Pre-wired test switch with surface mounting cover plate
- · UL listed for through branch circuit wiring





### PREMIUM COMPACT FLUORESCENT











### **OPEN REFLECTOR** DUAL LAMP HORIZONTAL

Model	Finish	Reflector	Trim
R8HT-01	SC/WT	Specular Clear	White
CFL Lamps		Hou	ısing
Quad 4-pin	2x 26w	1	2
Tri-Tube 4-pin	2x 26w/2x 32w	1	2
Tri-Tube 4-pin	2x 42w	1	
Lamps not included			

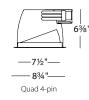
### Model Shown R8HT-01-SC/WT

### **STEP BAFFLE DUAL LAMP HORIZONTAL**

Model	Finish	Baffle		Trim	
R8HT-02	BK/WT WT/WT	Black White		White White	
CFL Lamps			Hou	ısing	
Quad 4-pin	2x 26w		1	2	
Tri-Tube 4-pin	2x 26w/2x 32w		1	2	
Tri-Tube 4-pin	2x 42w		1		
Lamps not included					

Model Shown R8HT-02-WT/WT









### WALL WASHER **DUAL LAMP HORIZONTAL**

Model	Finish	Reflector	Trim
R8HT-07	SC/WT	Specular Clear	White
CFL Lamps		Hou	ısing
Quad 4-pin	2x 26w	1	2
Tri-Tube 4-pin	2x 26w/2x 32w	1	2
Lamps not included			

### Model Shown R8HT-07-SC/WT

### **CROSS LOUVER DUAL LAMP HORIZONTAL**

Model	Finish	Cross Louver	Trim
R8HT-03	SC/WT WT/WT	Specular Clear White	White White
CFL Lamps		Hou	sing
Quad 4-pin	2x 26w	1	2
Tri-Tube 4-pin	2x 26w/2x 32w	1	2
Tri-Tube 4-pin	2x 42w	1	
Lamps not included			

Model Shown R8HT-03-WT/WT

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# DOUBLE LAMP HORIZONTAL HOUSING

### R8HF-D

Electronic ballast

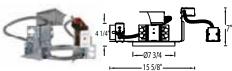


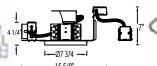
- Cutout: 8 1/8"
- 3" clearance on all sides must be
- maintained when insulation is present
- $\bullet \ \ \text{Pre-wired test switch with surface mounting cover plate}$ · UL listed for through branch circuit wiring

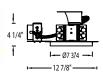
DOUBLE LAMP HORIZONTAL HOUSING EMERGENCY BACKUP

### **R8HF-D-EM**

Electronic ballast







- Cutout: 8 ½"
- 3" clearance on all sides must be
- maintained when insulation is present
- Integral 90 min. Emergency backup battery pack for complies with emergency egress codes

  • Pre-wired test switch with surface mounting cover plate
- UL listed for through branch circuit wiring
- Cutout: 8 1/8"
- 3" clearance on all sides must be

R8HF-S

Electronic ballast

maintained when insulation is present

SINGLE LAMP HORIZONTAL HOUSING

- Pre-wired test switch with surface mounting cover plate
- UL listed for through branch circuit wiring

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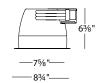


### Most Sustainable Choice

-75%"

8¾"-





Tri-Tube 4-pin 32w

### **OPEN REFLECTOR** SINGLE LAMP HORIZONTAL

Model	Finish	Reflector	Trim
R8HT-04	SC/WT	Specular Clear	White
CFL Lamp		Housing	
Tri-Tube 4-pin 26w/32w/42w		3 4	
Lamp not included			

### Model Shown R8HT-04-SC/WT





SINGLE LAMP		Quad 4-pin				
Model		Finish	Reflect	or	Trim	
R8VT-01		SC/WT	Specul	ar Clear	White	
CFL Lamp			Hou	sing		
Quad 4-pin	26w		5	6		
Tri-Tube 4-pin	26w/32w/42w		5	6		

### Model Shown R8VT-01-SC/WT





Tri-Tube 4-pin 32w

### STEP BAFFLE SINGLE LAMP HORIZONTAL

Model		Finish	Baffle	Trim
R8HT-05		BK/WT WT/WT	Black White	White White
CFL Lamp			Housing	
Tri-Tube 4-pin	26w/32w/42W		3	4
Lamp not include	ed			

### Model Shown R8HT-05-WT/WT



Lamp not included



-834"-

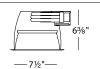
Ouad 4-pin

### STEP BAFFLE SINGLE LAMP VERTICAL

Model		Finish	Baffle		Trim
R8VT-02		WT/WT	White		White
		BK/WT	Black		White
CFL Lamp		Housing			
Quad 4-pin	26w		5	6	
Tri-Tube 4-pin	26w/32w/42w		5	6	
Lamp not include	ed.				

### Model Shown R8VT-02-WT/WT





— 8¾"—

Tri-Tube 4-pin 32w

#### **CROSS LOUVER** AMP HORIZONTAL

SINGLE LAWIP HORIZONTAL			
Model	Finish	Cross Louver	Trim
R8HT-06	SC/WT WT/WT	Specular Clear White	White White
CFL Lamp		Housing	
Tri-Tube 4-pin 26w/32w/42w		3 4	
Lampactincluded			

Model Shown R8HT-06-WT/WT





8¾"—

Quad 4-pin

### **CROSS LOUVER** SINGLE LAMP VERTICAL

Model		Finish	Cross Lo	uver	Trim
R8VT-03		SC/WT	Specula	r Clear	White
		WT/WT	White		White
CFL Lamp			Hous	ing	
Quad 4-pin	26w		5	6	
Tri-Tube 4-pin	26w/32w/42w		5	6	
Lamp not include	ed				

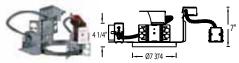
### Model Shown R8VT-03-WT/WT



SINGLE LAMP HORIZONTAL HOUSING **EMERGENCY BACKUP** 

### R8HF-S-EM

Electronic ballast



15 5/8

- Cutout: 8 1/8" · 3" clearance on all sides must be
- maintained when insulation is present
- Integral 90 min. Emergency backup battery pack complies with all current emergency egress codes
- Pre-wired test switch with surface mounting cover plate
- · UL listed for through branch circuit wiring



SINGLE LAMP **VERTICAL HOUSING** 

### **R8VF-S**

Electronic ballast





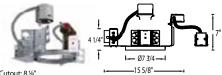
- · Cutout: 8 1/8"
- · 3" clearance on all sides must be maintained when insulation is present
- Pre-wired test switch with surface
- mounting cover plate
- UL listed for through branch circuit wiring



SINGLE LAMP VERTICAL HOUSING EMERGENCY BACKUP

### R8VF-S-EM

Electronic ballast



- Cutout: 8 1/8"
- 3" clearance on all sides must be
- maintained when insulation is present
- Integral 90 min. Emergency backup battery pack
- complies with all current emergency egress codes
   Pre-wired test switch with surface mounting cover plate
- UL listed for through branch circuit wiring













### **OPEN REFLECTOR**

Model	Finish	Reflector	Trim
R-421	CL/WT BN CB	Specular Clear Specular Clear Specular Clear	White Brushed Nickel Copper Bronze
CFL Lamp		Housing	)
Tri-Tube 4-pin 13w	1	2	3 4
Order lamp separately			

Model Shown R-421-CL/WT

### **STEP BAFFLE**

Model	Finish	Baffle	Trim
R-420	BK/WT BN CB WT/WT	Black Brushed Nickel Copper Bronze White	White Brushed Nickel Copper Bronze White
CFL Lamp		Housing	
Tri-Tube 4-pin 13	3w 1	2	3 4
Order lamp separate	ly		

Model Shown R-420-CB









### SCOOP WALL WASH WITH STEP BAFFLE

Model	Finish	Baffle	Trim
R-440	WT/WT	White	White
CFL Lamp	Housing		
Tri-Tube 4-pin 13w		3	4
Order lamp separately			

Model Shown R-440-WT/WT

### **SHOWER LIGHT GLASS LENS**

UL Listed for wet locations.

Model	Finish	Trim	
R-422	WT	White	
CFL Lamp	Housing		
Tri-Tube 4-pin 13w		3 4	
Order lamp separately			

Model Shown R-422-WT

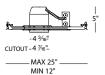


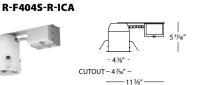
### IC NEW CONSTRUCTION 1 × 13W SHALLOW

### AIRTIGHT READY HOUSING









- Cutout: 4 7/16"
- Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
- UL listed for through branch circuit wiring

- Cutout: 4 % "
   Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation

IC REMODEL 1 × 13W SHALLOW AIRTIGHT READY HOUSING

· UL listed for direct chain wiring to other housings

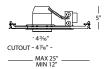


OUSINGS

### NON-IC NEW CONSTRUCTION 1 X 13W SHALLOW AIRTIGHT READY HOUSING

### R-F405S-N-A





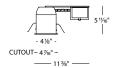
- Order  $\operatorname{\textbf{RGK}}$  gasket kit separately to ensure airtight installation
- UL listed for through branch circuit wiring



### NON-IC REMODEL 1 X 13W SHALLOW AIRTIGHT READY HOUSING

### R-F406S-R-A





- Order RGK gasket kit separately to ensure airtight installation
  UL listed for direct chain wiring to other housings













### **OPEN REFLECTOR**

Model	Finish	Reflector	Trim
R-521	BN CB CL/WT		Brushed Nickel Copper Bronze White
CFL Lamp		Housing	
Tri-Tube 4-pin 13w		1 2	
Tri-Tube 4-pin 26w		3	4
Order lamp separately			

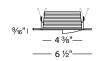
### **STEP BAFFLE**

Model	Finish	Baffle	Trim
R-520	BK/WT BN CB WT/WT	Black Brushed Nickel Copper Bronze White	White Brushed Nickel Copper Bronze White
CFL Lamp		Housing	
Tri-Tube 4-pin 13w		1 2	
Tri-Tube 4-pin 26w		3	4
Order lamp separately			

### Model Shown R-520-BK/WT

### Model Shown R-521-CB





Tri-Tube 4-pin





Tri-Tube 4-pin

### SCOOP WALL WASH WITH STEP BAFFLE

Model	Finish	Baffle	Trim	
R-540	WT/WT	White	White	
CFL Lamp	Housing			
Tri-Tube 4-pin 13w		1 2		
Tri-Tube 4-pin 26w		3	4	
Order lamp separately				

		Finish	Baffle			Trim	
		WT/WT	White			White	
				Housi	ng		
in	13w		1	2			
in	26w				3	4	
ера	rately						

Model Shown R-540-WT/WT

### **SHOWER LIGHT GLASS LENS** UL Listed for wet locations.

Model		Finish		Trim					
R-522		WT		White					
CFL Lamp		Housing							
Tri-Tube 4-pin	13w		1	2					
Tri-Tube 4-pin	26w				3	4			
Order lamp sepa	rately								

Model Shown R-522-WT

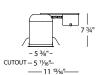


- Cutout: 5 11/16"
  - · Suitable for direct contact with insulation
  - Order RGK gasket kit separately to ensure airtight installation
  - · UL listed for through branch circuit wiring

# IC REMODEL 1 × 13W AIRTIGHT READY HOUSING

### R-F503-N-ICA





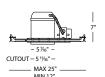
- Cutout: 5 11/16"
- · Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
- · UL listed for direct chain wiring to other housings

HOUSINGS

### NON-IC NEW CONSTRUCTION 1 × 26/32W AIRTIGHT READY HOUSING

### R-F504-N-A





MAX 25" MIN 12"

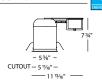
- Cutout: 5 ½6"
- 3" clearance on all sides must be maintained when insulation is present
- Order RGK gasket kit separately to ensure airtight installation
- · UL listed for through branch circuit wiring



### NON-IC REMODEL $1 \times 26/32W$ AIRTIGHT READY HOUSING

### R-F505-R-A





- Cutout: 5 11/16"
- 3" clearance on all sides must be maintained when insulation is present
- Order RGK gasket kit separately to ensure airtight installation
- · UL listed for direct chain wiring to other housings







Most Sustainable Choice









### **OPEN REFLECTOR**

Model	Finish	Reflector	Trim
R-658	BN CB CL/WT		Brushed Nickel Copper Bronze White
CFL Lamp		Housing	)
Tri-Tube 4-Pin 13w		1 2	
Tri-Tube 4-Pin 26w/32w		[3	3 4
Orderlama constately			

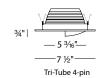
### Order lamp separately Model Shown R-658-BN

### **STEP BAFFLE**

Model	Finish	Baffle	Trim
R-622	BK/WT BN CB WT/WT	Brushed Nickel Copper Bronze	White Brushed Nickel Copper Bronze White
CFL Lamp		Housing	
Tri-Tube 4-Pin 13w		1 2	
Tri-Tube 4-Pin 26w/32w		[3	4
Order lamp separately			

Model Shown R-622-WT/WT









### SCOOP WALL WASH WITH STEP BAFFLE

Model		Finish	Baffle		Trim	
R-640		WT/WT	White		White	e
CFL Lamp	Housing					
Tri-Tube 4-Pin	13w		1	2		
Tri-Tube 4-Pin	26w/32w				3	4
Order Jamp separa	ately					

### Model Shown R-640-WT/WT

# SHOWER LIGHT WITH GLASS LENS

UL Listed for wet locations.

Model	Finish	Baffle	Trim		
R-651	WT/WT	White	White		
CFL Lamp	Housing				
Tri-Tube 4-Pin 13w		1	2		
Tri-Tube 4-Pin 26w/32w			3 4		
Order lamp separately					

### Model Shown R-651-WT/WT



### IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

R-F605D-N-ICA



### IC REMODEL AIRTIGHT READY HOUSING R-F606D-R-ICA







- Cutout: 6 7/16"
- · Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
  UL listed for through branch circuit wiring

- Cutout: 6 7/16"
- · Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
   UL listed for direct chain wiring to other housings



### NON-IC NEW CONSTRUCTION AIRTIGHT READY HOUSING 3 R-F607D-N-A









-6 1/8"-CUTOUT— 6 7/16"— \_ MAX 25" MIN 12"

- · 3" clearance on all sides must be maintained when insulation is present
- Order RGK gasket kit separately to ensure airtight installation
   UL listed for through branch circuit wiring



NON-IC REMODEL AIRTIGHT READY HOUSING



### R-F608D-R-A



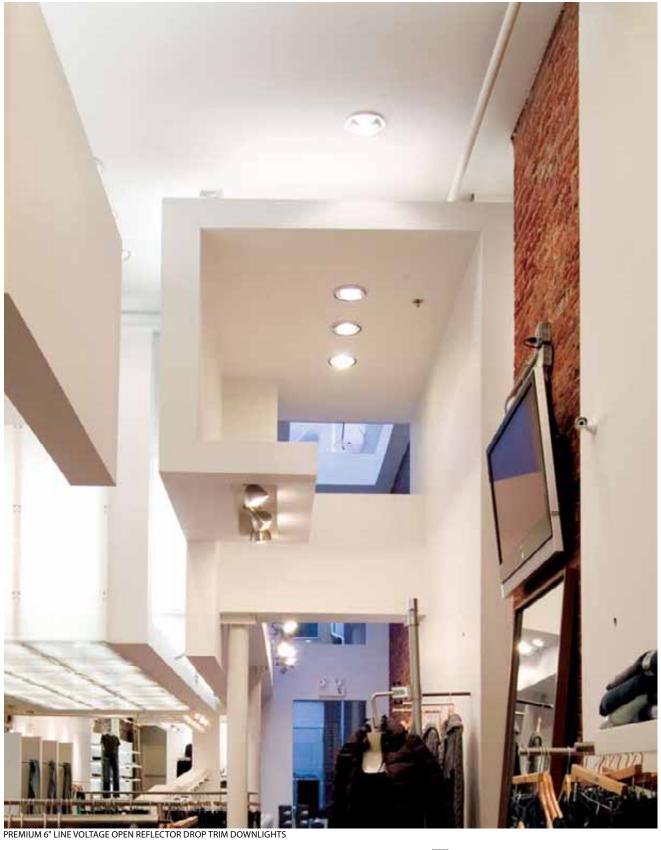


- 3" clearance on all sides must be maintained when insulation is present
- Order RGK gasket kit separately to ensure airtight installation
   UL listed for direct chain wiring to other housings

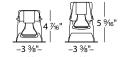


# PREMIUM LINE VOLTAGE

- One piece spun aluminum construction for superior light output and photometric efficiency
- Full reflector trims provide proper lamp position, low glare and superior performance photometrics
- Junction box is accessible from above or below ceiling plane







R4VI

R4VI-R

R4VI-B-ICA





R4VI-B-ICA

### **OPEN REFLECTOR**

Model		Finish	Reflector		Trim	
R4VT-21		SBK SC WT	Specular 6 Specular 6 White		White White White	
Lamp				Housir	ng	
PAR16	45w			2	3	
PAR16	75w		1			
PAR20	50w		1	2	3	
Order lamp se	eparatel	y. Showr	with a PAR2	20 lamp		

### **OPEN REFLECTOR** 25° ADJUSTMENT FROM VERTICAL

Model		Finish	Reflector	Trim				
R4VT-25		SBK SC	Specular Black Specular Clear	White White				
Lamp		Housing						
PAR16	45w		2					
PAR20 50w 2								
Order lamp	Order lamp separately. Shown with a PAR20 lamp							

### Model Shown R4VT-25-SBK

### Model Shown R4VT-21-SC





4 %6"-

R4VI-R

R4VI-B-ICA

4 %6'

R4VI

STEP BAFFLE



-4 %16"-R4VI-B-ICA

Model		Finish	Baffle	Baffle			
R4VT-22		BK WT	Black White		White White		
Lamp		Housing					
PAR16	45w		2	3			
PAR16	75w		1				
PAR20	50w		1 2	3			

### STEP BAFFLE

Model		Finish	Baffl	Baffle		Trim	
R4VT-22		BK WT		Black White		White White	
Lamp		VV 1	Housing				
PAR16	45w			2	3		
PAR16	75w		1				
PAR20	50w		1	2	3		
Order lamp	separate	lv. Shown with	a PAR2	20 lamr	)		

Model		Finish	Baffl	e		Trim	
R4VT-22		BK WT	Blac Whi			White White	
Lamp				Hou	sing		
PAR16	45w			2	3		
PAR16	75w		1				
PAR20	50w		1	2	3		
Order lamp	separate	ly. Shown w	ith a PAR2	20 lamp	)		

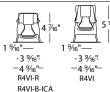
### 25° ADJUSTMENT FROM VERTICAL

Model		Finish	Baffle		Trim	
R4VT-26		BK WT	Black White		White White	
Lamp				Housing		
PAR16	45w			2		
PAR20	50w			2		
Order lamp separately. Shown with a PAR20 lamp						

### Model Shown R4VT-26-BK

### Model Shown R4VT-22-WT











### **PIN HOLE**

Model		Finish	Trim					
R4VT-23		WT	White					
Lamp		Housing						
PAR16	45w			2	3			
PAR16	75w		1					
PAR20	50w		1	2	3			

### EYE BALL WITH STEP BAFFLE 20° ADJUSTMENT FROM VERTICAL

Model		Finish	inish Baffle		Trim			
R4VT-24		WT	Black		White			
Lamp		Housing						
PAR16	45w	2						
PAR20	50w	2						
Order lamp separately. Shown with a PAR20 lamp								

### Model Shown R4VT-24-WT

### Order lamp separately. Shown with a PAR20 lamp Model Shown R4VT-23-WT

OUSINGS

### NON-IC NEW CONSTRUCTION FRAME-IN KIT

### R4VI



- 3 11/16" MIN 15" MAX 24 ½"
- Cutout: 33/4"
- 3" clearance on all sides must be maintained
- when insulation is present

  Frame-In Kit style downlight allows for the use of higher wattage lamps and deep reflector trims
- · UL listed for through branch circuit wiring
- Suitable for damp locations

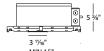
### IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

### R4VI-B-ICA





- MAX 24 1/2" • Cutout: 33/4"
- Suitable for direct contact with insulation - Order  $\operatorname{\textbf{RGK}}$  gasket kit separately to ensure airtight installation
- · UL listed for through branch circuit wiring
- Rated for damp locations Suitable for use in 2" x 6" joist installations









• Cutout: 4"

3

• 3" clearance on all sides must be

NON-IC

R4VI-R

REMODEL HOUSING

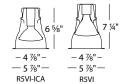
- maintained when insulation is present

   UL listed for direct chain wiring to other housings
- Suitable for use in 2" x 6" joist installations
- · Rated for damp locations



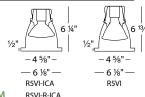
### PREMIUM LINE VOLTAGE





R5VI-R-ICA





#### OPEN REFLECTOR

Model		Finish	Reflector	Trim	
R5VT-21		SC	Specular Clear	White	
Lamp			Hous	ing	
PAR30	50w		1	4	
PAR30	75w			3	
A19	100w			3	
	1 1 1 61				

Lamp not included. Shown with a PAR30 lamp

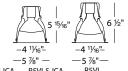
#### OPEN REFLECTOR WITH DROP TRIM

Model		Finish Reflector Trim				
R5VT-42		SC	Specular Clear	Specular Clear		
Lamp		Housing				
PAR30	50w		1	4		
PAR30	75w			3		
A19	100w			3		
Lamp not in	Lamp not included. Shown with a PAR30 lamp					

Model Shown R5VT-42-SC

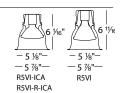
#### Model Shown R5VT-21-SC





R5VI-ICA R5VI-S-ICA R5VI-R-ICA R5VI-S-R-ICA

60	700
Contract of the second	



#### **APERTURE CONE**

Model	Finish	Reflector	Trim
R5VT-23	SBK SC WT	Specular Black Specular Clear White	White White White
Lamp		Housing	g

Lamp			Hou	sing			
PAR30	50w	1	2		4	5	
PAR30	75w			3			
A19	75w			3			

Lamp not included. Shown with a PAR30 lamp

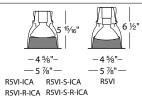
#### **OPEN WHITE REFLECTOR**

Model		Finish	Reflector		Trim	
R5VT-22		WT	White		White	
Lamp				Housi	ing	
PAR30	50w		1	2	4	5
PAR30	75w				3	
A19	75w				3	
Lamp not in	cluded 9	Shown wi	th a PAR30 la	mn		-

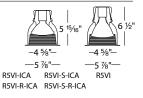
Model Shown R5VT-22-WT

#### Model Shown R5VT-23-SC









#### **ALUMINUM STEP BAFFLE**

Model		Finish	Baffle		Trim			
R5VT-24		WT BK	White Black		White White			
Lamp		DIX	Diack	Hous				
PAR30	50w		1	2	4	]	5	
PAR30	75w				3			
A19	75w				3			
Lamp not inc	luded. S	hown wi	th a PAR30 l	amp				

PHENOLIC STEP BAFFLE

Model		Finish	Baffle		Trim			
R5VT-25		WT	White		White			
Lamp				Housir	ng			
PAR30	50w		1	2	4	5		
PAR30	75w			[	3			
A19	60w			[	3			
Lamp not in	Lamp not included. Shown with a PAR30 lamp							

Model Shown R5VT-25-WT

#### Model Shown R5VT-24-BK



#### IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

**R5VI-ICA** - 5 3/16"-MINI 15 MAX 24 ½"

- Cutout: 5 ¼¹
- Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
- UL listed for through branch circuit wiring
- Suitable for damp locations

#### IC NEW CONSTRUCTION SHALLOW AIRTIGHT READY HOUSING



- Cutout: 5 ¼"
- Suitable for direct contact with insulation
- Shallow housing ideal for use in 2" x 6" joist installations
- Order RGK gasket kit separately to ensure airtight installation
   UL listed for through branch circuit wiring
- Suitable for damp locations

### NON-IC NEW CONSTRUCTION FRAME-IN KIT R5VI MIN 15" MAX 24 ½"

- Cutout: 5 ¼"
- · 3" clearance on all sides must be maintained wheninsulation is present
- Frame-In Kit style housing allows for the use of
- higher wattage lamps and deep reflector trims

  Order RGK gasket kit separately to ensure airtight installation
- UL listed for through branch circuit wiring
- Suitable for damp locations





R5VI





R5VI

**STEP BAFFLE** 

25° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle	Trim	
R5VT-31	WT	White	White	
Lamp			Housing	
PAR20 50w			3	
PAR30 75w			3	
Lamp not incl	dad Chau	n with a DAD	20 Iama	

#### Model Shown R5VT-31-WT

#### **APERTURE CONE** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Reflector	Trim			
R5VT-29	SC	Specular Clear	White			
Lamp		Housing				
PAR20 50w		3				
PAR30 75w		3				
Lamp not includ	ed. Show	n with a PAR30 lamp				

Model Shown **R5VT-29-SC** 





**GIMBAL RING** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim						
R5VT-32	WT	White						
Lamp		Housing						
PAR30 75w		3						
Lamp not included.	Lamp not included. Shown with a PAR30 lamp							

Model Shown R5VT-32-WT



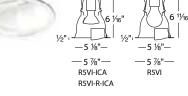


STEP BAFFLE 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle			Trim		
R5VT-37	BK WT	Black White			White White		
Lamp		Housing					
PAR20 50w			1	2	3		
Lamp not included. Shown with a PAR20 lamp							

Model Shown R5VT-37-WT









SHOWER LIGHT

Model



#### SCOOP WALL WASH

Model		Finish	Trim				
R5VT-41		WT	White				
Lamp			Н	ousing			
A19	40w		1	4			
A19	60w		1				
PAR20	50w			3			
Lamp no	Lamp not included. Shown with a PAR20 and A19 lamp						

Model Shown R5VT-41-WT

#### SCOOP WALL WASH WITH STEP BAFFLE

Model		Finish	Baffle	Trim			
R5VT-	39	WT	White				
Lamp			Housing				
A19	40w		1	4			
A19	60w		1				
PAR20	50w			3			
		1 1 61	1.1 D.4	DOO LAGOL	_		

Lamp not included. Shown with PAR20 and A19 lamp Model Shown R5VT-39-WT

**R5VT-28** WT White Lamp Housing 3 A19 60w Lamp not included. Shown with a A19 lamp

Finish Trim

Model Shown R5VT-28-WT

REGRESSED FRESNEL GLASS

UL listed for wet locations

#### IC REMODEL 4 AIRTIGHT READY HOUSING

#### **R5VI-R-ICA**





- Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
   UL listed for direct chain wiring to other housings



#### IC REMODEL SHALLOW AIRTIGHT READY HOUSING

#### R5VI-S-R-ICA



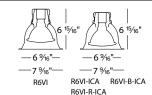


- Cutout: 5 1/4"
- Suitable for direct contact with insulation
- Shallow housing ideal for use in 2" x 6" joist installations
   Order RGK gasket kit separately to ensure airtight installation
- UL listed for direct chain wiring to other housings

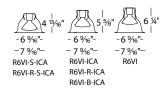


### PREMIUM LINE VOLTAGE









#### WHITE SPLAY REFLECTOR

Model		Finish	Reflector		Trim
R6VT-26		WT	White		White
Lamp				Hous	sing
PAR38	75w		1		5
PAR38	90w				4
PAR38	150w			3	
A19	60w				4
A19	50w		1		5
A19	100w			3	
Order la	mp sepa	rately. Sh	nown with a F	AR38 lar	mp

#### SHALLOW WHITE SPLAY REFLECTOR

Model		Finish	Ref	flector			Trim		
R6VT-6	1-S	WT	Wh	nite			White		
Lamp					Hous	ing			
PAR30	75w		1	2	3	4	5	6	
A19	60w		1	2	3	4	5	6	
Order lar	Order lamp separately. Shown with a PAR30 lamp								

Model Shown R6VT-61-S-WT

#### Model Shown R6VT-26-WT









**ADJUSTABLE CONE** 35° ADJUSTMENT FROM VERTICAL

Model	Finish	Reflector	Trim					
R6VT-49 SC		Specular Clear						
Lamp		Housing						
PAR30 75w	1		4					
PAR20 50w	/		4					
Order lamp se	Order lamp separately. Shown with a PAR30 lamp							

**APERTURE CONE** 30° ADJUSTMENT FROM VERTICAL

Model	Finish	Reflector	Trim						
R6VT-51	SC	Specular Clear	White						
Lamp	Housing								
PAR38 90w		3							
Order lamp sepa	Order lamp separately. Shown with a PAR38 lamp								

Model Shown R6VT-51-SC

#### Model Shown R6VT-49-SC





#### ADJUSTABLE STEP **BAFFLE 30° ADJUSTMENT FROM VERTICAL**

Model	Finish	Baffle	Trim				
R6VT-52 WT		White	White				
Lamp		Housing					
PAR38 150w			4				
Order Jamp separately. Shown with a PAR38 Jamp							

Model Shown R6VT-52-WT



Suitable for direct contact with insulation

ensure airtight installation

J-Box accessible through ceiling opening

UL listed for through branch circuit wiring

- Order  $\mathbf{RGK}$  gasket kit separately to

IC NEW CONSTRUCTION SHALLOW AIRTIGHT READY HOUSING

# R6VI-S-ICA

MIN 15"

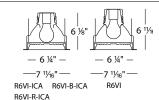
MAX 24 ½"

NON-IC NEW CONSTRUCTION FRAME-IN KIT

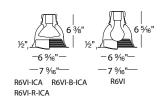


- Cutout: 6%"
- Uses (-S) style trims
- Suitable for direct contact with insulation.
- Shallow housing ideal for use in 2" x 6" joist installations
   Order RGK gasket kit separately to ensure
- airtight installation
- J-Box accessible through ceiling opening
- UL listed for through branch circuit wiring
- Cutout: 6 %"
- $\, \cdot \,$  3" clearance on all sides must be maintained when insulation is present
- Frame-In Kit style downlight allows for the use of higher wattage lamps and deep reflector trims
- J-Box accessible through ceiling opening
- · UL listed for through branch circuit wiring









#### **SHOWER LIGHT REGRESSED FRESNEL GLASS**

UL listed for wet locations

Model	l	Finish	Trim					
R6VT	-34	WT	Whit	te				
Lamp			Housing	g				
A19	40w	1		5				
A19	60w		4	1				
A19	100w		3					
Order I	Order lamp separately . Shown with a A19 lamp							

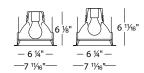
#### SCOOP WALL WASH WITH BASIC BAFFLE

Model		Finish	sh Baffle		Trim			
R6VT-59		WT	White White					
Lamp				Housing	)			
PAR30	50w		1	4	Į	5		
A21	100w			3				
Order la	Order lamp separately. Shown with a PAR30 lamp							

#### Model Shown R6VT-59-WT

#### Model Shown R6VT-34-WT





R6VI

R6VI-ICA R6VI-B-ICA

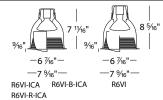
R6VI-R-ICA

**SHOWER LIGHT** 

REGRESSED O UL listed for wet	
Model	Finish

Model		Finish	Trim					
R6VT	-35	WT	White					
Lamp			Housing					
A19	40w	1		5				
A19	60w		4					
A19	90w		3					
Order l	Order lamp separately. Shown with a A19 lamp							





SCOOP WALL WASH WITH STEP BAFFLE

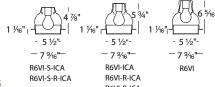
Model	Finish	h Reflector		Trim			
R6VT-58	BK WT	Black White	White White				
Lamp		Housing					
PAR30 50w		1	4	1	5		
A21 100w			3				
Order lamp separately. Shown with a PAR30 lamp							

Model Shown R6VT-58-BK

#### Model Shown R6VT-35-WT







Model		Finish		Trim	1			
R6VT-63G-S		WT	WT White					
Lamp			Housing					
A19	40w	1		3	4	5	6	
A19	60w		2					
Order	Order Jamp separately Shown with a A10 Jamp							

Model Shown R6VT-63G-S-WT



#### IC NEW CONSTRUCTION ENCLOSED AIRTIGHT READY HOUSING

#### **R6VI-B-ICA**





- MIN 15" MAX 24 ½'
- Cutout: 6%"
- · Suitable for direct contact with insulation
- Boxed style downlight allows for the use of higher wattage lamps
- · Order RGK gasket kit separately to ensure airtight installation
- J-Box accessible through ceiling opening
   UL listed for through branch circuit wiring

# R6VI-B-ICA

#### IC REMODEL HOUSING **R6VI-R-ICA**



Cutout: 7 ½"

5

- · Suitable for direct contact with insulation
- Order RGK gasket kit separately to
- ensure airtight installation
- · UL listed for direct chain wiring to other housings

### 6

#### IC REMODEL SHALLOW AIRTIGHT READY HOUSING

#### R6VI-S-R-ICA





- Cutout: 7 1/8"
- Uses (-S) style trims
- Suitable for direct contact with insulation
- Shallow housing ideal for use in 2" x 6" joist installations
- Order RGK gasket kit separately to ensure airtight installation
- UL listed for direct chain wiring to other housings

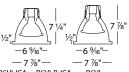


### PREMIUM LINE VOLTAGE



R6VI-ICA R6VI-B-ICA R6VI R6VI-R-ICA





R6VI-ICA R6VI-B-ICA R6VI R6VI-R-ICA

#### **OPEN REFLECTOR**

Model		Finish	Reflector		Trim	1		
R6VT-21		SC	Specular Clear		Whi	te		
Lamp			Housing					
PAR38	100w		1	[2	ļ	5		
PAR38	150w		[3	3				
A19	100w		1 3	3 4	1	5		
A21	150w		[3	3				
Order la	Order lamp separately. Shown with a PAR38 lamp							

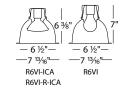
#### Model Shown R6VT-21-SC

#### **OPEN REFLECTOR WITH DROP TRIM**

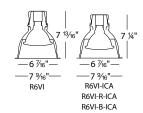
Model		Finish	Reflector		Trim		
R6VT-24		SC	Specular Clear		White		
Lamp			H	Housir	ng		
PAR38	90w		1		4	5	
PAR38	150w			3			
A19	100w		1	3	4	5	
Orderla	mn sena	rately Sh	own with a PAR3	2 lamr	)		

Model Shown R6VT-24-SC



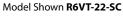




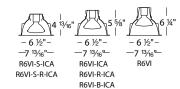


#### **OPEN REFLECTOR**

Model		Finish	Reflector	Trim			
R6VT-2	R6VT-22		Specular Clear	White			
Lamp			Housing				
A19	75w		1	5			
PAR30	75w		1	5			
A19	100w		3	4			
Order la	Order lamp separately. Shown with a PAR30 lamp						







#### **APERTURE CONE**

Model		Finish	Reflector	Trim			
R6VT-27		SC WT	Specular Clear White	White White			
Lamp		Housing					
PAR38	75w		1		5		
PAR38	90w			4	_		
PAR38	150w		3				
A19	60w		1		5		
A19	75w			4			
A21	150w		3				
PAR30	75w		1	4	5		
Order la	mp sepa	rately. Sh	nown with a PAR38	lamp			

Model Shown R6VT-27-SC

#### SHALLOW OPEN REFLECTOR

Model	Finish	Refle	ector		Trim	1		
R6VT-60-S	SC	Spec	ular C	lear	Whi	te		
Lamp		Housing						
PAR30 75w		1	2	3	4	5	6	
A19 60w		1	2	3	4	5	6	
Order Jamp sena	rately Sh	nown v	vith a P	ΔR30 la	mn			

#### Model Shown R6VT-60-S-SC





Cutout: 6%"

<u>S</u>

0 (

- Suitable for direct contact with insulation
- Order  $\mathbf{RGK}$  gasket kit separately to
- ensure airtight installation

  J-Box accessible through ceiling opening

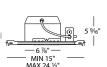
  UL listed for through branch circuit wiring

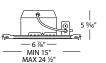
#### IC NEW CONSTRUCTION SHALLOW AIRTIGHT READY HOUSING

### R6VI-S-ICA









- Uses (-S) style trims • Suitable for direct contact with insulation
- Shallow housing ideal for use in 2" x 6" joist installations
   Order RGK gasket kit separately to ensure airtight installation
- · J-Box accessible through ceiling opening
- UL listed for through branch circuit wiring

#### NON-IC NEW CONSTRUCTION FRAME-IN KIT

#### **R6VI**



- Cutout: 6%"
- 3" clearance on all sides must be
- maintained when insulation is present
- Frame-In Kit style downlight allows for the use of higher wattage lamps and deep reflector trims
  - J-Box accessible through ceiling opening
- · UL listed for through branch circuit wiring









7 9/16 R6VI

7 %6" R6VI-ICA R6VI-B-ICA R6VI-R-ICA





R6VI-S-ICA





-7 %16"<u>-</u> R6VI-ICA R6VI-R-ICA

R6VI-B-ICA

7 %16" R6VI

#### **DEEP STEP BAFFLE**

Model	Finish	Reflector		Trim		
R6VT-32	BK WT	Black White		Black White		
Lamp		Housing				
PAR38 75w		1		5		
PAR38 90w		4				
PAR38 150w			3			
A21 150w			3			
PAR30 75w		1	4	4 5		
Order lamp sepa	rately. Sh	nown with a F	AR38 lamp			

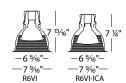
### Model Shown R6VT-62-S-BK

#### **SHALLOW STEP BAFFLE**

Model		Finish		Baffle		1	rim		
R6VT-	62-S	BK WT		Black White			Vhite Vhite		
Lamp			Housing						
PAR30	75w		1	2	3	4	5	6	
A19	60w		1	2	3	4	5	6	
Order la	Order Jamp separately. Shown with a PAR30 Jamp								

#### Model Shown R6VT-32-BK





R6VI-B-ICA

#### **STEP BAFFLE**

Model		Finish	Baffle		Trim							
R6VT-	R6VT-29		Black White		Black White							
Lamp			Housing									
PAR38	75w		1									
PAR38	90w		1	4								
PAR38	150w			3								
A19	60w			4								
A19	100w			3								
PAR30	75w		1									
Order la	mp sepa	rately. Sh	nown with	a PAR38 lamp		Order lamp separately. Shown with a PAR38 lamp						

Model Shown R6VT-29-BK









- 7%"-R6VI-S-ICA R6VI-S-R-ICA

\_ 7%"\_ R6VI-ICA R6VI-R-ICA R6VI-B-ICA

- 7%" -R6VI

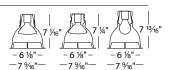
R6VI(100A19)

**SHALLOW EYEBALL** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Baffle			Tri	m		
R6VT-66-S	WT	White	7		W	hite		
Lamp		Housing						
PAR30 75w		1	2	3	4	5	6	
Order lamp separately. Shown with a PAR30 lamp								

#### Model Shown R6VT-66-S-WT





R6VI-ICA

#### **CROSS LOUVER**

CROSS LOUV	/ER		R6VI-R-ICA			
Model	Finish	Cross Louver	Trim			
R6VT-33	SA WT	Satin Aluminum White	White White			
Lamp		Housing				
PAR30 50w		1	5			

Lamp		Housing						
PAR30	50w	1	5					
PAR30	75w	3 4						
A19	60w	4						
A19	100w	3						
Orderla	Order Jamp separately Shown with a PAR30 Jamp							

#### Model Shown R6VT-33-SA



#### IC NEW CONSTRUCTION ENCLOSED AIRTIGHT READY HOUSING

#### **R6VI-B-ICA**





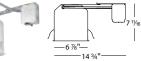
- Cutout: 6%"
- Suitable for direct contact with insulation
- Boxed style downlight allows for the use of higher wattage lamps
- Order  $\operatorname{\textbf{RGK}}$  gasket kit separately to ensure airtight installation
- J-Box accessible through ceiling openingUL listed for through branch circuit wiring

### 5

#### IC REMODEL HOUSING AIRTIGHT READY HOUSING

#### R6VI-R-ICA





- Cutout: 7 1/8"
- Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
- UL listed for direct chain wiring to other housings

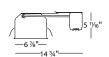


#### IC REMODEL SHALLOW AIRTIGHT READY HOUSING

#### R6VI-S-R-ICA

R6VI(75PAR30)





- Cutout: 7 ½"
- Uses (-S) style trims
- Suitable for direct contact with insulation
- Shallow housing ideal for use in 2" x 6" joist installations
- Order RGK gasket kit separately to ensure airtight installation
- · UL listed for direct chain wiring to other housings

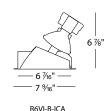


### 6" sloped ceiling downlights









SLOPED TRIM WITH APERTURE CONE 14° (3/12)~30° (7/12)

Model	Finish	Reflector	Trim	
R6VT-44	SC	Specular Clear	White	
Lamp	Housing			
PAR30 75w 1				
Order lamp separately				

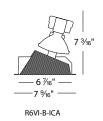
Model Shown R6VT-44-SC

### STEEP SLOPED TRIM WITH APERTURE CONE 30° (7/12)~45° (12/12)

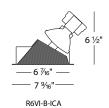
Model	Finish	Reflector	Trim	
R6VT-42	SC	Specular Clear	White	
Lamp	Housing			
PAR30 75w		1		
Order lamp separately				

Model Shown R6VT-42-SC









### SLOPED TRIM WITH STEP BAFFLE 14° (3/12)~30° (7/12)

Finish	Reflector	Trim	
WT	White	White	
Housing			
	1		
		WT White	WT White White

Model Shown R6VT-43-WT

### STEEP SLOPED TRIM WITH STEP BAFFLE 30° (7/12)~45° (12/12)

Model	Finish	Baffle		Trim
R6VT-41	WT	White		White
Lamp	Housing			
PAR30 75w			1	
Order lamp separately				

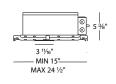
Model Shown R6VT-41-WT

OUSINGS

# 1 IC NEW CONSTRUCTION ENCLOSED AIRTIGHT READY HOUSING

### R6VI-B-ICA





- Cutout: 6 %"
- Suitable for direct contact with insulation
- Boxed style downlight allows for the use of higher wattage lamps
- Order RGK gasket kit separately to ensure airtight installation
   J-Box accessible through ceiling opening
- UL listed for through branch circuit wiring

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### LINE VOLTAGE

- I.C. Airtight Ready housings for use in energy efficient installations
- Shallow housings for use in between floor levels or low ceiling spaces and its usable in 2" x 6" joist installation
- Features durable steel trims with beautiful premium finish option in Brushed Nickel and Copper Bronze









#### **OPEN REFLECTOR**

Model		Finish	Reflector			Trim	
R-421		CL/WT BN CB	Specular Clear Brushed Nickel Specular Clear			White Brushed Nicke Copper Bronze	
Lamp				Hou	sing		
PAR20	50w		1	2	3		
R20	50w		1	2	3		
Lamp not included							

Model Shown R-421-CL/WT

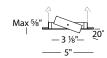
#### **STEP BAFFLE**

Model		Finish	Baffle		Tr	rim	
R-420		BK/WT BN CB WT/WT	Black Brushed I Copper B White		Bi Co	/hite rushed Nickel opper Bronze /hite	
Lamp				Hou	sing		
PAR20	50w		1	2	3		
R20	50w		1	2	3		
1 2 100 10 10	at in clud	lad					

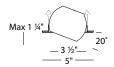
Lamp not included

Model Shown R-420-WT/WT









#### **GIMBAL RING** 20° ADJUSTMENT FROM VERTICAL

Model	Finish		Trin	n	
R-432	BN CB WT			shed Nickel oper Bronze ite	
Lamp			Hou	ısing	
PAR20 50w		1	2	3	
Lamp not included					

Model Shown R-432-BN

### 20° ADJUSTMENT FROM VERTICAL

Model		Finish	Finish Trim				
R-435		BN CB WT			ed Nickel er Bronze		
Lamp				Ηοι	ısing		
PAR20	50w		1	2	3		
R20	50w		1	2	3		
Lamp not included							

Model Shown R-435-CB

#### NON-IC NEW CONSTRUCTION SHALLOW AIRTIGHT READY HOUSING

R-400S-N-A



NON-IC REMODEL SHALLOW AIRTIGHT READY HOUSING



IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

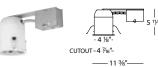
R-402S-N-ICA

S N 0

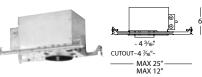
-4 3/16" CUTOUT - 4 7/16"-MAX 25' MIN 12"



R-401S-R-A







- 3" clearance must be maintained when insulation is present
- J-Box accessible through ceiling opening
- Order RGK gasket kit separately to ensure airtight installation
- · UL listed for through branch circuit wiring
- Suitable for use in 2" x 6" joist installations
- Cutout: 47/16"
- · 3" clearance must be maintained when insulation is present
- J-Box accessible through ceiling opening
- Order RGK gasket kit separately to ensure airtight installation
- UL listed for direct chain wiring to other housings
- Cutout: 47/16"
- · Order RGK gasket kit separately to ensure airtight installation
- Suitable for direct contact with insulation
- UL listed for through branch circuit wiring











#### **SLOT TRIM** 25° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim			
R-424	BN CB WT	Brushed Nickel Copper Bronze White			
Lamp		Housing			
PAR20 50w		1 2			
Lamp not included					

Model Shown R-424-WT

#### **PINHOLE**

Model	Finish	Trim		
R-430	BN CB WT	Brushed Nickel Copper Bronze White		
Lamp		Housing		
PAR20 50v	V	1 2		
Lamp not included				

Model Shown R-430-BN









#### SCOOP WALL WASH WITH STEP BAFFLE

Model		Finish	Baffle		Trim	
R-440		WT/WT	White		White	
Lamp				Housing		
PAR20	50w		[	1 2		
R20	50w			1 2		
Lamp not included						

Model Shown R-440-WT/WT

#### **SHOWER LIGHT** WITH GLASS LENS

UL listed for wet locations

Model		Finish	Trim
R-422		WT	White
Lamp			Housing
PAR20	50w		1 2
A19	40w		1 2
Lamping	nt includ	ed	

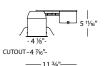
Model Shown R-422-WT

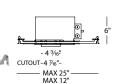
### NON-IC NEW CONSTRUCTION SHALLOW AIRTIGHT READY HOUSING



CUTOUT -4 7/16"-MAX 25"

-43/16"





- Cutout: 47/16"
- 3" clearance must be maintained when insulation is present
- J-Box accessible through ceiling opening
   Order RGK gasket kit separately to ensure airtight installation
- UL listed for through branch circuit wiring
  Suitable for use in 2" x 6" joist installations
- Cutout: 47/16"
- 3" clearance must be maintained when insulation is present

NON-IC REMODEL SHALLOW AIRTIGHT READYHOUSING

J-Box accessible through ceiling opening
 Order RGK gasket kit separately to ensure

R-401S-R-A

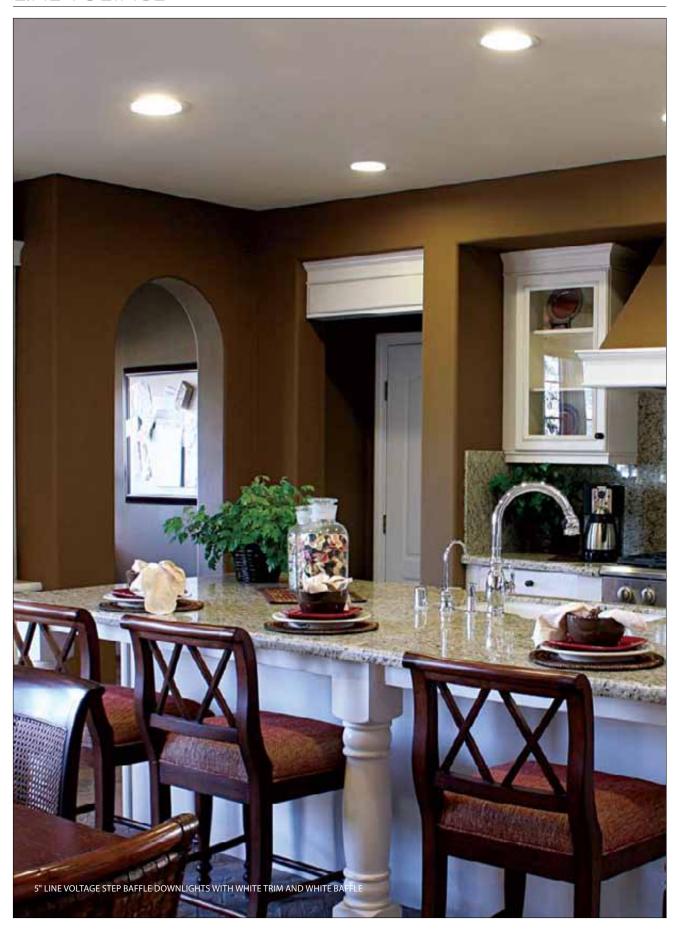
- airtight installation
- UL listed for direct chain wiring to other housings
- Cutout: 47/16"
- Order RGK gasket kit separately to

R-402S-N-ICA

- ensure airtight installation
   Suitable for direct contact with insulation
- UL listed for through branch circuit wiring

IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

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#### **OPEN REFLECTOR**

Model	Finish	Baffle	Trim
R-521	BN	Specular Clear	Brushed Nickel
	CB	Specular Clear	Copper Bronze
	CL/WT	Specular Clear	White

Lamp	I OI	Non-IC	Housing
A19	40w	60w	1 2
PAR30	50w	75w	1 2
R30	50w	75w	1 2
Lamp n	ot inclu	ded	

### Lamp not included

#### **STEP BAFFLE**

Model			Finish	Baffle		Trim	
R-520					White Brushed Nickel Copper Bronze White		
Lamp	IC	Non-IC		Hou	sing		
A19	40w	60w		1	2		
PAR30	50w	75w		1	2		

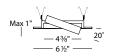
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#### Model Shown R-520-CB

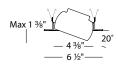
50w 75w

#### Model Shown R-521-CL/WT









#### **GLIMBAL RING** 20° ADJUSTMENT FROM VERTICAL

Model	Finish	Trim
R-532	BN CB WT	Brushed Nickel Copper Bronze White
Lamp Non-IC		Housing
PAR30 75w		1 2

Lamp not included	
Model Shown R-532-WT	





#### **EYEBALL** 20° ADJUSTMENT FROM VERTICAL

Model			Finish	Trim
R-535			BN CB WT	Brushed Nickel Copper Bronze White
Lamp	IC	Non-IC		Housing
PAR30	75w	75w		1 2
Lamp no	ot incl	uded		

#### Model Shown R-535-WT





#### SCOOP WALL WASH WITH STEP BAFFLE

Model		Finish	Baffle		Trim	
R-540		WT/WT	White		White	
Lamp	Non-IC			Hous	sing	
A19	40w			1	2	
PAR30	75w			1	2	
R30	75w			1	2	
1	مامينام مناهم	- al				

Model		Finish	Baffle		Trim	
R-540		WT/WT	White		White	
Lamp	Non-IC			Hous	sing	
A19	40w			1	2	
PAR30	75w			1	2	
R30	75w			1	2	
Lamnn	ot include	ad.				

#### **SHOWER LIGHT** WITH GLASS LENS

UL Listed for wet locations.

Model	Finish	Trim
R-522	WT	White
Lamp Non-IC		Housing
A19 40w		1 2
Lamp not include	d	

#### Model Shown R-522-WT

#### Model Shown R-540-WT/WT



# \_ 5 1/16"\_

CUTOUT — 5 11/16"-

• Cutout: 5 11/16"

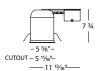
HOUSINGS

- IC rated downlight, suitable for direct contact with insulation
- May be used in NON-IC installation, 3" clearance must be maintained when insulation is present
- Order RGK gasket kit separately to ensure airtight installation
- UL listed for through branch circuit wiring

#### IC/NON-IC REMODEL AIRTIGHT READY HOUSING

#### R-501-R-UA





- Cutout: 5 11/16"
- IC rated downlight, suitable for direct contact with insulation
- May be used in NON-IC installation, 3" clearance must be maintained when insulation is present
   Order RGK gasket kit separately to ensure airtight installation
- UL listed for direct chain wiring to other housings











#### **OPEN REFLECTOR**

Model		Finish	Baff	le l		Tr	im		
R-656		BN CB CL/WT	Specular Clear Specular Clear Specular Clear			Co	Brushed Nickel Copper Bronze White		
Lamp					Hous	ing			
PAR30	75w	[	1	2	3	4	5	6	
R30	75w		1	2	3	4	5	6	
Lamp no	ot includ	ed							

### STEP BAFFLE

Model		Finish	Bat	ffle		Ti	rim		
R-620		BK/WT BN CB WT/WT	Со	ished pper B		В	/hite rushed opper I /hite		
Lamp					Hou	sing			
PAR30	75w		1	2	3	4	5	6	
R30	75w		1	2	3	4	5	6	

Lamp not included Model Shown R-620-WT/WT

#### Model Shown R-656-CL/WT









#### **OPEN REFLECTOR**

Model		Finish	Baffle			Trim		
R-657		BN CB CL/WT	Specular Specular Specular	Clear			d Nickel r Bronze	
Lamp				Hous	ing			
PAR38	75w		2	3		5	6	
PAR38	150w		1		4			
R40	75w		2			5		
R40	150w		1		4			
Lamp no	ot includ	ed						

#### **STEP BAFFLE**

Model		Finish	Baffle			Tr	im		
R-621		BK/WT BN CB WT/WT	Black Brushe Coppe White			B	/hite rushed opper l /hite		
Lamp					Hous	ing			
PAR38	75w		2	2	3		5	6	
PAR38	150w	[	1			4			
R40	75w		2	2			5		
R40	150w	[	1			4			

Model Shown R-621-BK/WT

#### Model Shown R-657-CL/WT







Lamp not included



#### **OPEN REFLECTOR**

Model		Finish	Baffle	Trim
R-658		BN CB CL/WT	Specular Clear Specular Clear Specular Clear	Brushed Nickel Copper Bronze White
Lamp			Housin	ıg
A19	60w		2	5
A19	75w		3	6
A19	100w		1	4
Lamp no	ot includ	ed		

STEP BAFFLE

Model		Finish	Baffle	Trim
E		BK/WT BN CB WT/WT	Black Brushed Nickel Copper Bronze White	White Brushed Nickel Copper Bronze White
Lamp			Housing	
A19	60w		2	5
A19	75w		3	6
A19	100w	1	4	
Lampino	ot includ	ed		

Model Shown R-622-BN

#### Model Shown R-658-CL/WT

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#### NON-IC NEW CONSTRUCTION AIRTIGHT READY HOUSING

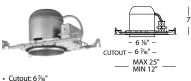
### R-600D-N-A

• 3" clearance on all sides must be

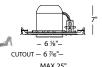
maintained when insulation is present

• J-Box accessible through ceiling opening Order RGK gasket kit separately to ensure airtight installation

• UL listed for through branch circuit wiring



- R-602D-N-ICA





- \_ MAX 25"\_ MIN 12" Cutout: 6 7/16"

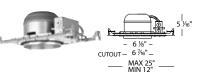
IC NEW CONSTRUCTION

**AIRTIGHT READY HOUSING** 

- · Suitable for direct contact with insulation • Order RGK gasket kit separately to
- ensure airtight installation

   UL listed for through branch circuit wiring

#### NON-IC NEW CONSTRUCTION SHALLOW AIRTIGHT READY HOUSING R-660S-N-A

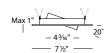


- Cutout: 6 7/16"
- 3" clearance on all sides must be
- maintained when insulation is present.
- Shallow housing ideal for use in 2" x 6" joist installations
   J-Box accessible through ceiling opening
- Order RGK gasket kit separately to
- ensure airtight installation • UL listed for through branch circuit wiring





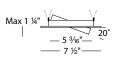






**GLIMBAL RING** 

Model



#### **GIMBAL RING** 20° ADJUSTMENT FROM VERTICAL

Model	Finish			Tri	m			
R-633	BN CB WT	Brushed Nickel Copper Bronze White						
Lamp				Hou	sing			
PAR30 75w		1	2	3	4	5	6	
Lamp not includ	led							

Lamp not included Model Shown R-636-WT

20° ADJUSTMENT FROM VERTICAL

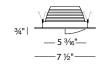
Finish

R-636		BN CB WT	Brushed Nickel Copper Bronze White
Lamp			Housing
PAR38	90w		3
PAR38	150w	1	4

Trim

#### Model Shown R-633-CB









#### SCOOP WALL WASH WITH STEP BAFFLE

Model		Finish	Baffle		Trim	
R-640		WT/WT	White		White	
Lamp				Housin	g	
A19	60w		1	3	4	6
Lamp no	ot includ	ed				

Model Shown R-640-WT/WT

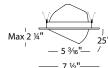
#### **SHOWER LIGHT** WITH GLASS LENS

UL Listed for wet locations.

Model		Finish		Tri	m		
R-651		WT		Wh	nite		
Lamp				Hou	sing		
A19	60w		1	3	4	6	
Lampr	not includ	ed	,				

Model Shown R-651-WT





### 25° ADJUSTMENT FROM VERTICAL

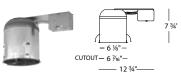
Model		Finish	Finish Trim								
R-635		BN CB WT	CB Copper Bronze								
Lamp					Hou	sing					
R30	75w		1	2	3	4	5	6			
PAR30L	75w		1	2	3	4	5	6			
Lamana	t include	nd.									

Model Shown R-635-BN



#### NON-IC REMODEL **AIRTIGHT READY HOUSING**

#### R-601D-R-A

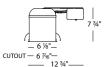


- Cutout: 6 7/16"
- 3" clearance on all sides must be
- maintained when insulation is present

  J-Box accessible through ceiling opening

  Order RGK gasket kit separately to
- ensure airtight installation
   UL listed for direct chain wiring to other housings

IC REMODEL AIRTIGHT READY HOUSING R-603D-R-ICA



• Cutout: 6 7/16"

5

- Suitable for direct contact with insulation
- Order RGK gasket kit separately to ensure airtight installation
   UL listed for direct chain wiring to other housings

6

### NON-IC REMODEL SHALLOW AIRTIGHT READY HOUSING

#### R-661S-R-A



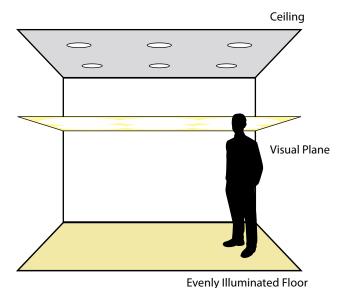


- Cutout: 6 7/16"
- 3" clearance on all sides must be
- maintained when insulation is present
   Shallow housing ideal for use in 2" x 6" joist installations
   J-Box accessible through ceiling opening
- Order RGK gasket kit separately to
- ensure airtight installation
   UL listed for direct chain wiring to other housings



#### **GENERAL LIGHTING** — Using Downlights As The Main Source Of Illumination

General Lighting is the use of one or a group of fixtures to provide a modest amount of illumination over a large area. Recessed downlights are currently the most desirable source of general lighting in residential spaces for their architectural appeal and even light distribution.



#### **Room Type**

Different rooms require different levels of illumination.

Rooms and Recommended Light Levels:

Living Room – up to 35 Footcandles Kitchen – up to 50 Footcandles Bedroom – up to 25 Footcandles Office – up to 50 Footcandles

A Footcandle is the standard measurement of light on one square foot in the space.

#### **Room Dimensions**

Determining the length, width and height of the space to be illuminated helps in selecting the quantity and wattage of the downlights to use. To obtain uniform lighting in a room using flood lamps, a rough rule of thumb to use is:

Each downlight may cover an area up to 4 times its mounting height.

**Example**: 10' ceiling, a single downlight should cover 40sq. feet of space on the floor (i.e. 5' x 8')

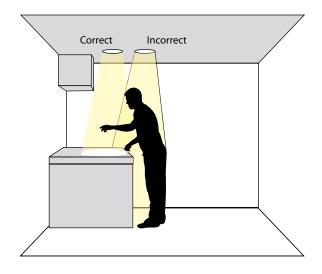
Drawing out the dimensions of a room will allow you to sketch out a lighting plan consisting of symmetrical rows and columns of downlights that will provide the proper uniformity.

#### **Downlight Selection**

General area illumination is accomplished using open reflector or baffle trims. Energy savings can be found using CFL downlights, while a more traditional recessed lighting plan uses low voltage or line voltage units. As a general rule, you can start your selection with a downlight style commonly used for that room type and then make a change to another style if a compatible wattage and performance is available from an alternate selection.

#### **TASK LIGHTING** – Using Downlights For Illuminating Active Areas

Task lighting is an energy-efficient way to place extra light where you need it most. By improving the light on the surfaces you work, read, or eat on, you can maximize safety and comfort without increasing the total amount of fixtures needed to light the space.



#### **Choose Downlight**

Task areas should have two times the amount of light as the general use areas. This is most often accomplished with downlights using reflector lamps, like MR (multifaceted reflector), P (Parabolic), or R (Reflector) lamps. High-wattage CFL lamps can also provide the sufficient amount of light if properly directed with a reflector trim.

#### **Downlight Placement**

The actual spacing of downlights will depend on the type of fixture and lamp used, however a quick rule of thumb calculation to estimate is:

Using a lamp with a 30° beam spread, each downlight should not cover a maximum area exceeding 3x its mounting height over the work area.

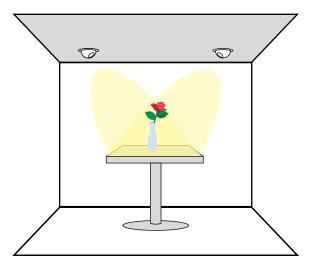
**Example:** 10' ceiling with a 3' table, the maximum surface area a single downlight should cover is 21 sq. feet (i.e. a 3'x7" kitchen island)

#### **Design Factors**

Visually intensive tasks require both quantity and quality illumination. Therefore, downlights should be oriented directly over the work area in front of the person. Downlights placed above or behind the person casts undesirable shadows over the work area.

#### **ACCENT LIGHTING** — Using Downlights To Highlight Room Features

Accent lighting is a technique used to highlight certain features within a room, such as artwork, sculptures, and floral arrangements. Accent downlight trims direct light to create drama and increase the perceived value of the design.



#### **Choosing Downlight**

Using a single downlight directly above a small statue can often provide an intense dose of light and dramatic contrasting shadows. When illuminating a larger object or when even illumination without shadows is desired, then two or three offset downlights works best.

#### **Determining Quantity and Locations**

Use a single downlight above a small statue or picture. When illuminating a larger object then two or even three downlights offset around the object works best.

The optimum angle to light an object is 30°. The mounting distance from the object or picture can be calculated as follows:

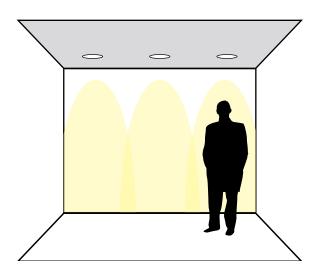
- 1. Measure the distance from the ceiling to the center of the object to be illuminated.
- 2. Divide this distance in half and multiply by 1.1 to determine the horizontal distance from the object to install the fixture.

Example: The center of a picture is 36 inches from ceiling. One half of 36 equals 18 inches multiplied by 1.1 is approximately 20 inches. Thus, to properly light this picture the downlight should be installed 20 inches from the picture wall.

**Note:** This does not apply to slope ceiling applications.

#### **WALL WASH** – Using Downlights For Illuminating A Vertical Plane

Wall washing is a technique used to light vertical surfaces evenly. When done properly, it can make a room appear larger and more inviting. Wall washing is also helpful to reduce the appearance of textured surfaces by diminishing shadows from the ridges.



#### Determine setback from wall

Always measuring to the center of the downlight, use 18"-36" from the wall as a general rule for placing wall wash downlights. Fixed trims should be placed closer to the wall while adjustable trims may be placed farther away.

#### Spacing between each downlight

Wall wash downlights should be spaced apart the same distance as the setback from the wall.

#### **Properly Designed Light Level**

In order to stand out, the wall should have at least 50% more light than the ambient lighting in the room. Use double the watts per square foot to illuminate the wall that you are using to illuminate the general space.

#### **Downlight Selection**

The wall wash units should be the same aperture size used in the rest of the room to maintain a clean appearance on the ceiling. Wall wash trims provide maximum uniformity without glare and scalloping. Eyeballs and other adjustable trims are also popular choices for their general versatility.

# **SURFACE MOUNT SPOTS**

AC Lighting's Surface Mount Spots collection is the ideal choice for achieving directional accent or task lighting when surface mounting the fixture is the best option. Available in both low and line voltage versions, our diminutive Surface Mount Spots are available in today's popular finishes with a wide selection of designs and accessories.



#### **FEATURES**

- Available in low and line voltage to accommodate many application needs
- Wide selection of finishes and designs
- Compatible with WAC's extensive collection of lens accessories
- Can be modified to accommodate extensions from 6 inches – 96 inches, as well as sloped ceiling applications
- Five year warranty
- Many sustainable options available



Sustainable Choice

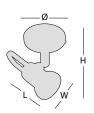
WHITE LOW VOLTAGE SURFACE MOUNT SPOT (ME-866)

WAC LIGHTING Responsible Lightin

- · May be surface mounted to walls and ceilings
- · Base covers a standard junction box
- Our Surface Mount Spots are diminutive in size while providing powerful projected light
- WAC Lighting will custom fit canopies with any of our broad selection of low voltage track heads if a standard item cannot meet your design needs



 Base does not cover a standard junction box best use for display work



Model	Finish		Lamp	Dimensions				
	BK	WT	BN	MR11	L	W	Н	Ø
MI-1126	•	•	•	35w max	33/16"	1 ¾"	4 1/16"	2 ½"

Order lamp separately. Order electronic transformer separately Clear lens included. See pages 193-194 for lens options

Model shown MI-1126-BK





Model	Finish BK WT		Lamp MR16	Dimensions  I W H			Ø
ME-808	•	•	50w max	3%″	2 3/4"	6 ¼"	4 ½"

Order lamp separately. Integral electronic transformer Clear lens included. See pages 193-194 for lens options

Model shown ME-808-BK





Model		Finish		Lamp	Dimensions			
	BK	WT	BN	MR16	L	W	Н	Ø
ME-007	•	•	•	50w max	4¼"	2 ¼"	6 ½"	4 ½"

Order lamp separately. Integral electronic transformer Clear lens included. See pages 193-194 for lens options. See below for framing projector component

Model shown ME-007-WT



#### components





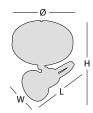




# SURFACE MOUNT SPOTS low voltage





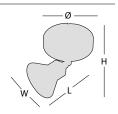


Model	Finish			Lamp	Dimensions			
	BK	WT	BN	MR16	L	W	Н	Ø
ME-826	•	•	•	50w max	4"	2 ¼"	5 %16"	4 ½"

Order lamp separately. Integral electronic transformer Clear lens included. See pages 193-194 for lens options

#### Model shown ME-826-WT/WT



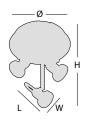


Model	Fir	Finish			Dimensions		
	WT/PT	WT/WT	MR16	L	W	Н	Ø
ME-866	•	•	50w max	2%"	3 3/16"	5 <sup>15</sup> / <sub>16</sub> "	4 ½"

Order lamp separately. Integral electronic transformer Clear lens included. See pages 193-194 for lens options

#### Model shown ME-866-WT/PT



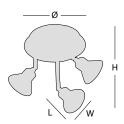


Model	Fir	nish	Lamp		Dime	nsions	
	PT	WT	MR16	L	W	Н	Ø
PAN-826	•	•	3 x 50w max	4"	2 ¼"	8 %"	6 %"

Clear lenses included. Order lamps separately. Integral electronic transformer

#### Model shown PAN-826-PT





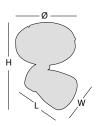
Model	Finish		Lamp	Dimensions			
	WT/PT	WT/WT	MR16	L	W	Н	Ø
PAN-866	•	•	3 x 50w max	2%"	3 3/16"	9 ½"	6 %"

Clear lenses included. Order lamps separately. Integral electronic transformer

#### Model shown PAN-866-WT/WT



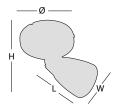






Model	Fir	nish	Lamp	Dimensions				
	WT/PT	WT/WT	GU10	L	W	Н	Ø	
ME-101	•	•	50w max	4"	2 ¼"	5 %16"	4 ½"	
amn included								

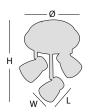
Model shown ME-101-WT/PT





Model	Finish		Lamp	Dimensions				
	WT/PT	WT/WT	GU10	L	W	Н	Ø	
ME-102	•	•	50w max	31⁄8"	2 ½"	6"	4 ½"	
Lamp included								

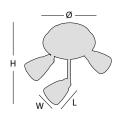
Model shown ME-102-WT/PT



α					Finish		Model
Ø	Н	W	L	GU10	WT/WT	WT/PT	
6 %"	9 5/8"	2 ½"	31⁄8"	3 x 50w max	•	•	PAN-101
8"	95	2 ½"	31⁄8″	3 x 50w max	•	•	PAN-101 Lamps included

Model shown PAN-101-WT/WT





Model	Finish		Lamp	Dimensions			
	WT/PT	WT/WT	GU10	L	W	Н	Ø
PAN-102	•	•	3 x 50w max	35/8"	2 5/8"	9 5/8"	6 %"
Lamps included				-			

Model shown PAN-102-WT/PT

Finish Key WT/PT- White/Platinum, WT/WT- White/White cultures





# DISPLAY LIGHTING





### **FEATURES**

- LEDme<sup>™</sup> family fixtures use the latest LED technology and are an ideal choice when energy efficiency, long life, and bright crisp light output are required
- Can be used for either permanent or temporary display applications
- Used in a variety of places including arts and crafts fairs, home offices, trade shows and art exhibits
- Five year warranty
- Many sustainable options available



Most Sustainable Choice



Retail displays and home accessories come alive with diminutive LEDme™ Showcase Lighting fixtures which operate at cool operating temperatures with a strong lumen output.

Designed with a flexible stem, our luminaires offer a variety of beam angles for a wide range of display applications. Available in handsome Brushed Nickel, Chrome and Black metal finishes.

LEDme luminaires are longlasting with a potential life of 50,000 hours. They are thermally efficient and deploy beams free of projected heat and ultraviolet radiation. Perfect for UV or heat sensitive subjects such as artwork or perishables.

A 3w LEDme unit with a 4500K color temperature produces 110 lumens, performing as well as a 20w MR11 halogen fixture.



LEDme SHOWCASE LUMINAIRE (4500K) IN BRUSHED NICKEL

### LEDme™ showcase lighting



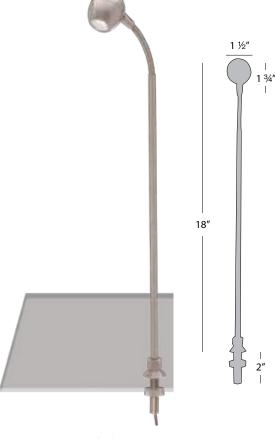
- · Very flexible, the back is functional and elegant
- · The vents provide appropriate thermal management to ensure extended LED life



- · The threaded rod makes it possible to use LEDme showcase luminaires in an array of mounting conditions
- Stem is adjustable between 4 inch to 18 inch and may be cut with a pipe cutter to custom fit within shallow installations



- · Narrow or wide beam pattern available for your display needs
- · Available with different color temperatures to set the mood or achieve desired effect



#### Optional lens accessories available

Lens	Beam
SL-LEN-S	8°
SL-LEN-F	25°
SL-LEN-W	40°

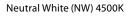






Warm White (WW) 3000K







Cool White (CW) 6000K



	LEDme Showcase Fixture			Finish		Lamp				Beam	
	Warm White	<b>Neutral White</b>	Cool White	BK	BN	CH	Voltage	LED	Color	Lumens	
Spot	LED-SL-101-WW-S	LED-SL-101-NW-S	LED-SL-101-CW-S	•	•	•	3.5v	3w	3000K	100	8°
Flood	LED-SL-101-WW-F	LED-SL-101-NW-F	LED-SL-101-CW-F	•	•	•	3.5v	3w	4500K	110	25°
Wide Flood	LED-SL-101-WW-W	LED-SL-101-NW-W	LED-SL-101-CW-W	•	•	•	3.5v	3w	6000K	120	40°
Includes LED, le	ens and 6' cord										

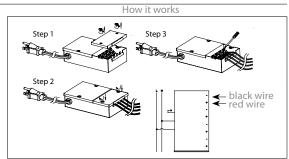
#### Example LED-SL-101-CW-W-CH

#### **LEDme™ DRIVER**

LED-700MA12-P 5" × 3"× 1%" 120v 50/60Hz Input

Power up to 4 LED-SL-101





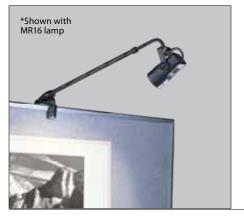
Finish Key BN-Brushed Nickel, BK-Black, CH-Chrome cUL) us



### DISPLAY LIGHTING

For years, our assortment of display lighting solutions has made WAC the leader in lighting permanent and temporary displays.

The clamp mount display lighting is preferred for wall partitions and other temporary lighting needs for their convenience and portability.



#### FRAMING PROJECTOR 008FP BK







#### LOW VOLTAGE TELESCOPING NECK

Model	Lamp	Fir	Finish Clamp		Transformer			
	MR16	BK	WT	2" clamp	Plug-in with 6' cord			
DL-007	50w max	•	•	included	included			
See next page for 4" clamp options. Order lamp separately. See pages 193-194 for lens options								

Model shown **DL-007-BK** 





· Decorative and protective element is part of the minimalist design

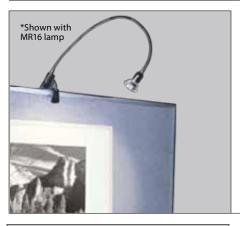


#### **LOW VOLTAGE ADJUSTABLE**

Model	Lamp	Finish	Clamp	Transformer
	MR16	BK	2" clamp	Plug-in with 6' cord
DL-167	50w max	•	included	included

See next page for 4" clamp **DLC-4A**. Order lamp separately. See pages 193-194 for lens options

Model shown **DL-167-BK** 









Mesh

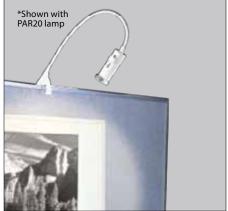




#### LOW VOLTAGE ADJUSTABLE GOOSENECK

Model	Lamp	Fir	nish	Clamp	Transformer			
	MR11, MR16	BK	WT	2" clamp	Plug-in with 6' cord			
DL-214	50w max	•	•	included	included			
See next page for 4" clamp options. Order lamp separately. See pages 193-194 for lens options								

Model shown **DL-214-BK** 





· Sliding adjustable socket to accommodate lamp positioning



#### LINE VOLTAGE ADJUSTABLE GOOSENECK

Model	Lamp	Fir	nish	Clamp
	BR30, PAR20, PAR30, PAR38	BK	WT	2" clamp
DL-024	150w max	•	•	included
Soo novt n	age for 4" clamp options See p. 274	for Ra	n Doo	rc

See next page for 4" clamp options. See p. 274 for Barn Doc Order lamp separately. See pages 193-194 for lens options

#### Model shown **DL-024-WT**

Finish Key BK-Black, WT-White culus



### clamp mount display lighting

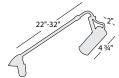
\*Shown with PAR20 lamp

\*Shown with PAR20 lamp

\*Shown with J-150-S lamp



· Sliding adjustable socket to accommodate lamp positioning



#### LINE VOLTAGE TELESCOPING NECK

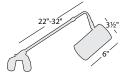
Model	Lamp	Fir	nish	Clamp
	BR30, PAR20, PAR30, PAR38	BK	WT	2" clamp
DL-188	150w max	•	•	included
	C 4" 1 .: C .:	746		1

See next page for 4" clamp options. See p. 274 for barn doors Order lamp separately. See pages 193-194 for lens options

#### Model shown **DL-188-WT**



• Phenolic baffle included to reduce glare



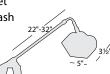
#### LINE VOLTAGE TELESCOPING NECK

Model	Lamp	Finish	Clamp
	PAR20, R20, A19	BK WT	2" clamp
DL-701	60w max		included
	r 4" clamp options. Order la	mp separately	meiadea

Model shown **DL-701-WT** 



- High output quartz lamp fixture
- Die cast aluminum fixture with die cast Black louver for glare control
- Ceramic double contact socket
- · Wide beam is ideal for wall wash applications



### LINE VOLTAGE TELESCOPING WALL WASH

Model	Lamp	Finish	Clamp
	J150-S	BK WT	2" clamp
DL-150	150w max	• •	included
See below for 4	4" clamp options. Order	lamp separately	

Model shown **DL-150-WT** 

#### **CLAMPS**



DLC-P	½" - 2½" Diameter
inish	BK, WT



4" CLAMP				
DLC-4	2"- 4" wide			
Finish	BK, WT			
The DLC-4 clas	mp is adjustable to			

accommodate flat surfaces from 2" to 4" wide



4" CLAMP	
DLC-4A	2"- 4" wide
Finish	BK
	model 167. The DLC-4A ble to accommodate flat 4" wide

Finish Key BK-Black, WT–White cUL us





### DISPLAY LIGHTING



LP-007 Shown as ceiling mounted



- · WAC Lighting will custom fit canopies with any of our broad selection of low voltage track heads if a standard item cannot meet your design needs
- Fixtures may be customized with extensions

Model	Lamp	Finish			Transformer
Hard wired	MR16	BK	WT	BN	Integral transformer
LP-007	50w max	•	•	•	included
LP-808	50w max	•	•		included
Order lamp separately. Clear lens	included. See J	oages	193-19	4 for l	ens options

#### Example LP-808-BK

# LP-808 Shown as wall mount

### **EXTENSIONS**

X6	6"
X12	12"
X18	18"
X24	24"
X36	36"
X48	48"
X72	72"
X96	96"
Finish	BK, BN, WT

Extends Surface Mount Spots. Available as complete, factory-assembled unit only Specify extension, fixture and finish. Example LP-808X18-BK

- · Mounts easily to standard junction boxes
- · Integral electronic transformer
- · Steel Powder coated
- · Remote transformer required
- · Flexible fixtures provide ease of aiming
- · Remote transformer required
- Rear access required for installation



Shown with MR16 lamp and MBS-16 optional mesh bulb shield



Shown with MR16 lamp and SBS-16 optional solid bulb shield



MM-204 Shown with MR16 lamp and MBS-16 optional mesh bulb shield







Model	Lamp	Finish			Accessories	
	MR11, MR16	BK	WT	BN	<b>Bulb Shield</b>	
ME-204	50w max	•	•	•	Mesh or Solid	
MI-204	50w max	•	•	•	Mesh or Solid	
MM-204	50w max	•	•	•	Mesh or Solid	
			_			

Order lamp separately. Bulb shield sold separately Lens not included. See pages 193-194 for lens options

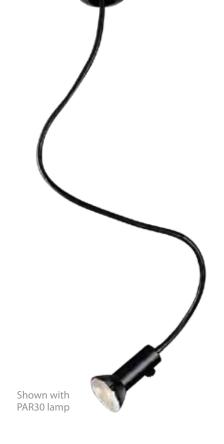
Example MM-204-BN

Finish Key BK-Black, BN-Brushed Nickel, WT–White CUL) us



### directional display lighting and components





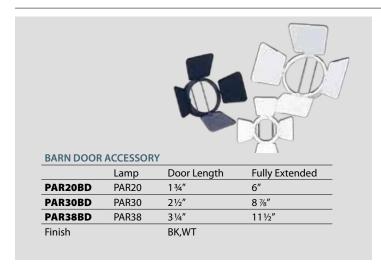
- Mounts easily to standard junction boxes
- They feature adjustable socket depth, which allows a snug fit with a variety of lamp choices
- Optional barn door accessories snap over PAR lamps

Model	Lamp	Finish	
	G, A, BR, PAR16 PAR20, PAR30, PAR38	BK	WT
MO-048	150w max	•	•
MO-024	150w max	•	•

Example MO-048-BK







MBS-11 MR11 MBS-16 MR16 BK, WT, BN

Snaps over an MR11 or MR16 bulb and diffuses glare from the back of the bulb. Used with MM-204, ME-204 and MI-204

#### **SOLID BULB SHIELD**

SBS-11 MR11 SBS-16 MR16 BK, WT, BN Finish

Snaps over an MR11 or MR16 bulb to eliminate glare from back of bulb. Use with MM-204, ME-204, and MI-204

Finish Key BK-Black, WT–White CUL US



WAC LIGHTING. Responsible Lighting.

## **TRANSFORMERS**

AC Lighting's portfolio of low voltage Transformers sets the performance bar for the industry. Available in both electronic and magnetic versions ranging from 60 watts to 1000 watts, our standard electronic transformers feature auto reset, soft start and short circuit protection technologies. The unique soft start feature gradually applies voltage on cold starts to extend lamp life.

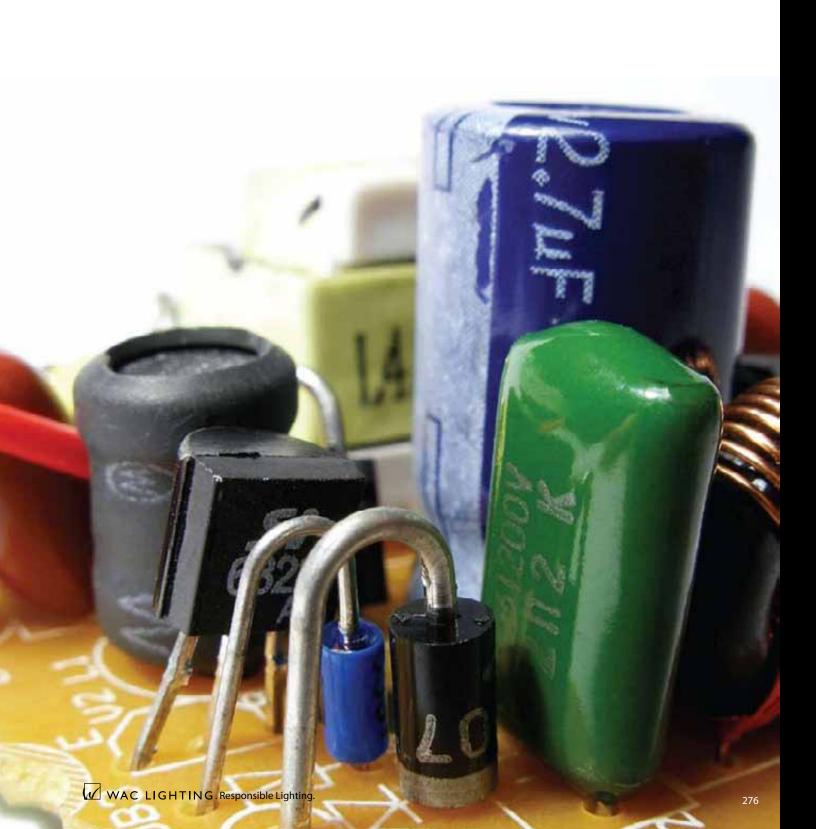
WAC brings much needed higher wattage Class 2 units to the marketplace. These models provide a single source to wire multiple runs of low voltage units such as undercabinet and display lights.

#### **ELECTRONIC FEATURES**

- Compliant with the highest level of safety and performance standards, UL 2108 and UL 60950
- Meets NEC 411 low voltage directive
- Auto-reset feature automatically cycles the transformer in a safe diagnostic mode until the short circuit is remedied
- Soft start feature gradually applies voltage on cold lamps to extend lamp life (lamps will light in under 1½ seconds)
- Unique short circuit protection from both normal and abnormal short circuits
- Extended short circuit protection for a minimum of 8 hours under the duress of a short circuit
- Diagnostic features communicate the likely source of the installation problem
- Class 2 transformers are intrinsically safe by limiting secondary currents to 5 Amperes per circuit
- WAC Lighting manufactures electronic transformers from 60 watts to 300 watts
- Generally will work with incandescent dimmers but, electronic low voltage dimmers are recommended for best performance

#### MAGNETIC FEATURES

- Compliant with the highest level of safety and performance standards, U.L. 2108
- Meets NEC 411 low voltage directive
- Auto resettable primary overload protection
- Manual reset secondary short circuit protection
- Multi-tap secondary output terminals help compensate for voltage drop
- Secondary screw terminals for easy and secure installation
- Epoxy and gravel encapsulated for vibration control and quite operation
- Generally will work with incandescent dimmers but, magnetic low voltage dimmers are recommended for best performance
- Remote magnetic transformers are available from 300 watts to 1000 watts



### TRANSFORMERS remote electronic

#### **Enclosed Electronic Transformers**

- Use enclosed transformers for all initial installations to ensure safe and primary side connections in a wiring compartment
- Dimming with electronic low voltage dimmers is recommended

#### **ENCLOSED ELECTRONIC TRANSFORMERS**

Model	Input	Output	Watt	Dimension		ons
				L	W	Н
EN-1260-RB-AR	120v	12v	20-60w	65/8"	15/8"	1 1/8"
EN-1275-RB-AR	120v	12v	20-75w	65/8"	1 5/8"	1 1/8"
EN-12100-RB-AR	120v	12v	35-100w	61/4"	3"	15/8"
EN-12150-RB-AR	120v	12v	50-150w	61/4"	3"	1 5/8"
EN-24150-RB-AR	120v	24v	50–150w	61/4"	3"	15/8"
EN-B12PY-AR	120v	12v	100-250w	61/2"	3 3/8"	2 1/2"
EN-B24PZ-AR	120v	24v	100–300w	6½"	3 3/8"	2½"



### Class 2 Enclosed Electronic Transformers

- Secondary wiring for Class 2 transformers does not require conduit sheathed cable or clamp wiring techniques.
- · Powers most cabinet fixtures
- Intrinsically safe, Class 2 transformers permit no greater than 5A current be drawn
- Non-metallic sheathed cable may be used for secondary wiring in walls and ceilings
- Drop down to a smaller gauge wire if space in fixture does not permit secure connection directly with the non-metallic sheathed cable

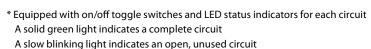
#### **CLASS 2 ENCLOSED ELECTRONIC TRANSFORMERS**

Model	Input	Output	Watt	[	ons	
				L	W	Н
EN-1260-RB2	120v	12v	1 × 60w	65/8"	15/8"	1 1/8"
EN-12120-RB2 *	120v	12v	$2 \times 60 w$	6"	3 1/4"	25/8"
EN-12180-RB2 *	120v	12v	$3 \times 60 w$	63/4"	35/8"	25/8"
EN-12300-RB2 *	120v	12v	$5 \times 60 w$	81/4"	45/8"	25/8"

Enclosed Class 2 transformers have multiple outputs in 60w increments







A fast blinking light indicates a short circuit problem in that circuit

#### **UL LISTED CLASS 2 PLUG-IN ELECTRONIC TRANSFORMERS**

Model	Input	Output	Watt	Fir	nish	Di	mensio	ns
				BK	WT	L	W	Н
EN-1260-P-AR	120v 50/60Hz	12v	60w	•	•	2 ¾"	15/8"	13/4"
Example order EN	-1260-P-AR-RK							

Plug-in power supply with on/off toggle switch and 6 foot detachable cord Class 2 transformers are required for most cabinet listed fixtures



c **FL** us



#### Non-Enclosed Electronic Transformers

- Unenclosed transformers are UR (UL ready components)
- All connections must be made in an enclosure for proper installations

Model	Input	Output	Watt	Dii	mensio	ns
				L	W	Н
EN-1260-R2*	120v 50/60Hz	12v	60w	1 1/8"	13/8"	1"
EN-1260-R-AR	120v 50/60Hz	12v	60w	1 1/8"	13/8"	1"
EN-1275-R-AR	120v 50/60Hz	12v	75w	1 1/8"	13/8"	1"

\* U.L. Listed Class 2 Component.

Model	Input	Output	Watt	Dimensions		ns
				L	W	Н
EN-12100-R-AR	120v 50/60Hz	12v	100w	3 ½"	1 ½"	1 1/4"
EN-12150-R-AR	120v 50/60Hz	12v	150w	3 ½"	1 ½"	1 1/4"
EN-24150-R-AR	120v 50/60Hz	24v	150w	3 ½"	1 ½"	1 1/4"



### TRANSFORMERS remote magnetic and components

### Components



#### LARGE ELECTRONIC TRANSFORMER ENCLOSURE

 $6\%'' \times 3'' \times 1\%''$ 

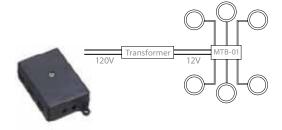
Holds one EN-12100-R-AR, EN-12150-R-AR or EN-24150-R-AR electronic transformer



#### SMALL ELECTRONIC TRANSFORMER ENCLOSURE

65%"×15%"×11%"

Holds one EN-1260-R-AR, EN-1275-R-AR or EN-1260-R2 electronic transformer



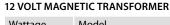
#### MULTIPLE TERMINAL BLOCK

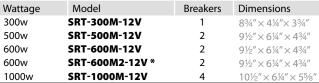
MTB-01 31/4"×13/4"×7/8"

12.5A max. Accommodates up to 6 output connections for 14 AWG wires. Terminal block is used to easily wire together multiple output connections, for a neat undercabinet installation without the use of open slices. Perfect for wiring up to 3 button lights at 20w or 6 button lights when 10w lamps are used

### Magnetic Transformers

- · Remote Magnetic Transformers are larger and generally have greater capacities than electronic models
- The magnetic models allow for greater wiring distances from transformer to the powered equipment
- Multi taps from 12v up to 15v or from 24v up to 30v compensate for voltage drop
- Magnetic transformers feature "push-to reset" circuit breakers
- Remote Magnetic Transformers shown on this page comply with UL2108 standards for low voltage installations







24 VOLT MAGNETIC TRANSFORMER

Wattage	Model	Breakers	Dimensions
300w	SRT-300M-24V	1	$8\frac{3}{4}" \times 4\frac{1}{4}" \times 3\frac{3}{4}"$
500w	SRT-500M-24V	1	$9\frac{1}{2}$ " × $6\frac{1}{4}$ " × $4\frac{3}{4}$ "
600w	SRT-600M-24V	2	$9\frac{1}{2}$ " × $6\frac{1}{4}$ " × $4\frac{3}{4}$ "
1000w	SRT-1000M-24V	2	$10\frac{1}{2}$ " × $6\frac{1}{4}$ " × $5\frac{5}{8}$ "

<sup>\*</sup> Permits two separately switched circuits at 300w each

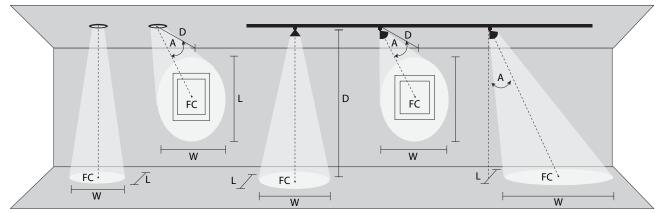
### Debuzzing Coil

- Our magnetic surface-mounted transformers have a built-in debuzzing coil, which substantially reduces the buzzing. However, if the buzzing noise is still noticeable, a separate debuzzing coil may be wired in series on the 120 volt input line to further reduce the noise
- · Select the correct debuzzing coil based on the wattage of the transformer



Model	Output	Wattage	Dims.
LM-DBC12-150	12v	150w	2%"Ø
LM-DBC12/24-300	12v/24v	300w	4%"Ø
LM-DBC12/24-600	12v/24v	600w	4%"Ø

### LAMP PERFORMANCE



A-Aiming angle **D**-Distance from fixture to floor\* **FC**-Initial footcandle level at the center of the beam **L**-Listing at the point that the candlepower drops off to 50% of max\* **MC**-Maximum candlepower **W**-Listing at the point that the candlepower drops off to 50% of maximum\* \*Measurements in feet

	1 FTD 1 FTD			20v	v, Bea	mspr	ead:	30°,	MC: 7	00			XZ-1: XZ-2		50v	v, Beams <sub>l</sub>	oread	: 24°, I	MC: 30	000
	0° Al	MINC	S ANC	GLE		45°	AIMI	NG A	NGLE			0°.	AIMIN	IG AN	GLE		45° A	IMING	ANGI	.E
A° 0° 0° 0°	D 2 3 4 5	FC 210 95 55 35	L 1.0 1.5 2.0 2.5	W 1.0 1.5 2.0 2.5		<b>A°</b> 45° 45° 45° 45°	D 2 3 4 5	FC 55 35 20 15	L 2.5 3.5 5.0 7.5	W 2.5 2.5 2.5 3.0	A° 0° 0° 0° 0°	D 6 8 10 12		2.5 3.0 4.0	4.0 5.0	<b>A°</b> 45° 45° 45°	5 7	FC 120 40 20 15	L 2.5 4.0 5.5 7.0	W 2.0 3.5 5.0 6.0
	1 FTH 1 FTH			35w	ı, Bea	mspr	ead:	30°, N	1C: 15	500			N-12 N-24		50w	, Beamsp	read:	40°, N	1C: 15	00
	0° AI	MING	S ANC	GLE		45°	AIMI	NG AI	NGLE			0° /	AIMIN	G AN	GLE	45	° AIM	ING A	NGLE	
A° 0° 0° 0° 0°	D 2 3 4 5	FC 395 175 100 65	L 1.1 1.5 2.0 2.5	W 1.1 1.5 2.0 2.5		A° 45° 45° 45° 45°	D 2 3 4 5	FC 100 60 40 5	L 2.5 3.5 5.0 7.0	W 2.5 2.5 2.5 3.0	A° 0° 0° 0° 0°	D 3 5 7 9	FC 165 60 30 20	3.5 4.5	W 2.0 3.5 5.0 6.5	A° 45° 45° 45°	D 2 3 4 5	FC 135 60 35 20	L 2.0 4.5 6.0 7.5	W 2.0 3.0 4.0 5.0
MR1	6 BAE	3		20w,	Bean	nspre	ad: 3	86°, M	C: 46	0			A-12\ A-24\		65w,	Beamspr	ead: 1	3°, M	C: 10,9	000
	0° Al	MINC	S ANG	GLE		4	15° A	IMING	ANG	iLE		0° A	NIMIA	G AN	GLE	45	° AIMI	NG AI	NGLE	
A° 0° 0° 0°	D 2 3 4 5	FC 115 50 30 20	L 1.5 2.0 2.5 3.0	W 1.5 2.0 2.5 3.0		<b>A°</b> 45° 45° 45° 45°	D 2 3 4 5	FC 40 20 10 5	3.0 4.5 6.0 7.0	W 2.0 3.0 4.0 4.5	A° 0° 0° 0° 0°	D 8 12 16 20	FC 205 75 35 25	2.0 3.5 4.5 6.0	W 2.0 3.5 5.0 6.5	<b>A°</b> 45° 45° 45°	D 5 7 9	FC 170 75 45 25	L 2.0 4.5 6.0 7.5	<b>W</b> 2.0 3.0 4.0 5.0
	6 EX1 6 EX1			50	w, Be	amsp	read	: 13°,	MC: 9	150			B-12 B-24		65w	, Beamsp	read:	40°, N	1C: 19	00
	0° A	IMINO	G ANG	GLE		45°	AIM	ING A	NGLE			0°	AIMIN	IG AN	GLE	45	s° AIM	ING A	NGLE	
A° 0° 0° 0°	D 7 10 13 16	FC 185 90 50 35	L 1.5 2.0 2.5 3.0	W 1.5 2.0 3.0 3.5		A° 45° 45° 45° 45°	D 4 6 8 10	FC 200 90 50 30	L 1.5 2.0 3.0 4.0	W 1.5 2.0 2.5 3.0	A° 0° 0° 0°	D 8 12 16 20	FC 170 75 40 25	3.0 4.0	3.0 4.0	<b>A°</b> 45° 45° 45°	9	FC 155 80 45 30	L 2.5 3.5 4.5 5.5	W 2.0 2.5 3.5 4.0
PAR	16 NF	L		60	w, Be	amsp	reac	l: 30°,	MC:	1300	PAR	30 F	L		75	w, Beams	preac	d: 37°,	MC:	2000
	0° Al	MINC	3 ANG	GLE				NG A	NGLE			0° /	AIMIN	G AN	GLE			ING A	NGLE	
A° 0° 0° 0°	D 4 6 8 10	FC 80 35 20 15	2.0 3.0 4.5 5.5	3.0 4.5		A° 45° 45° 45° 45°	2 3	50 30	5 2. 0 3. 0 4.	5 1.5 5 2.5 5 3.0	A° 0° 0° 0°	D 6 7 10 12		4.0 5.5 6.5	5.5 6.5	<b>A°</b> 45' 45' 45' 45'	3 4 5	FC 80 45 30 20	4.5 6.0 7.5 9.0	3.0 4.0 4.5 5.5
PAR	20 NS	Р		50	w, Be	amsp	oreac	: 12°,	MC:	4600	R30	SP			75	w, Beams	pread	d: 26°,	MC:	1540
$\underline{\mathbb{A}}$	0° Al	MINC	3 ANG	GLE		45°	AIM	NG A	NGLE			0° /	AIMIN	G AN	GLE	45	° AIM	ING A	NGLE	
A° 0° 0° 0°	D 6 8 10 12	FC 130 70 45 30	1.5 1.5 2.0 2.5	1.5 2.0		<b>A°</b> 45° 45° 45° 45°	D 3 5 7 9	FC 180 65 35 20	1.5 2.0 3.0 4.0	W 1.0 1.5 2.0 2.5	A° 0° 0° 0°	D 3 5 7 9	FC 170 60 30 20		2.5 3.0	A° 45° 45° 45° 45°	3 4	FC 135 60 35 20	2.0 3.0 4.0 5.0	W 1.5 2.0 2.5 3.5

## LAMP PERFORMANCE

PAR:	88 SP 75	w, Beamspread: 12°, MC: 5200	BR40 SP	120	w, Beamspread: 20°, MC: 6	600
lacksquare	0° AIMING ANGLE	45° AIMING ANGLE	0° A	IMING ANGLE	45° AIMING ANGLE	
Α°	D FC L W	A° D FC L W	A° D	FC L W	A° D FC L	W
0°	6 145 1.5 1.5 8 80 1.5 1.5	45° 3 205 1.5 1.0 45° 5 75 2.0 1.5	0° 6 0° 8	185 2.0 2.0 105 3.0 3.0		2.0
)°	10 50 2.0 2.0	45° 7 40 3.0 2.0	0° 10	67 3.5 3.5	45° 6 65 4.5	3.0
)°	12 35 2.5 2.5	45° 9 25 4.0 2.5	0° 12	45 4.0 4.0	45° 7 50 5.0	3.5
R3	<b>8 FL</b> 150	w, Beamspread: 30°, MC: 4000	BR40 FL	120	w, Beamspread: 53°, MC: 1	430
	0° AIMING ANGLE	45° AIMING ANGLE	0° A	IMING ANGLE	45° AIMING ANGLE	
٩°	D FC L W	A° D FC L W	A° D	FC L W	A° D FC L	W
o° o°	6 110 4.0 4.0 8 60 5.5 5.5	45° 4 155 4.5 3.0 45° 6 70 7.0 4.5	0° 6 0° 8	90 4.0 4.0 40 6.0 6.0		4.0 5.5
)°	10 40 7.0 7.0	45° 8 40 9.0 6.0	0° 10	20 8.0 8.0		7.0
)°	12 30 8.5 8.5	45° 10 25 11.5 7.5	0° 12	15 10.0 10.0	45° 6 15 16.0	8.5
10	<b>SP</b> 150	w, Beamspread: 22°, MC: 5400	AR111 NS	<b>SP</b> 50w	v, Beamspread: 8°, MC: 23,0	000
	0° AIMING ANGLE	45° AIMING ANGLE		IMING ANGLE	45° AIMING ANGLE	
۱°	D FC L W	A° D FC L W	A° D	FC L W	A° D FC L	W
)° )°	3 210 2.5 1.5 5 75 4.0 2.5	45° 6 150 2.5 2.5 45° 8 85 3.0 3.0	0° 10 0° 12	230 1.5 1.5 160 1.5 1.5		1.0
)°	7 40 5.5 4.0	45° 10 55 4.0 4.0	0° 14	115 2.0 2.0	45° 7 165 1.5	1.0
)°	9 25 7.5 5.0	45° 12 35 4.5 4.5	0° 16	90 2.0 2.0	45° 8 125 2.0	1.5
ю	<b>L</b> 150	w, Beamspread: 75°, MC: 1050	AR111 NS	<b>SP</b> 75w	v, Beamspread: 8°, MC: 30,0	000
	0° AIMING ANGLE	45° AIMING ANGLE		IMING ANGLE	45° AIMING ANGLE	
0	D FC L W	A° D FC L W	<b>A°</b> D 0° 14	FC L W 155 2.0 2.0	<b>A° D FC L</b> 45° 7 215 2.0	<b>W</b> 1.5
)° )°	4 65 6.5 6.5 6 30 9.5 9.5	45° 3 40 8.0 6.0 45° 4 25 10.0 7.0	0° 16	115 2.0 2.0		2.0
0	8 15 12.5 12.5	45° 5 15 14.0 8.5	0° 18	95 2.5 2.5		2.0
0	10 5 15.0 15.0	45° 6 10 17.0 9.5	0° 20	75 3.0 3.0	45° 13 65 3.5	2.5
R	0 NFL 75	w, Beamspread: 32°, MC: 3000	PAR36 WF	<b>-L</b> 50v	v, Beamspread: 32°, MC: 13	300
	0° AIMING ANGLE	45° AIMING ANGLE	O° AI	IMING ANGLE	45° AIMING ANGLE	
٩°	D FC L W	A° D FC L W	A° D	FC L W	A° D FC L	W
0°	6 85 3.5 3.5 8 45 4.5 4.5	45° 3 120 3.5 2.5 45° 5 40 6.0 4.0	0° 3 0° 5	140 1.5 2.0 50 2.5 3.0		2.0
)°	10 30 5.5 5.5	45° 7 20 8.5 5.5	0° 7	25 3.5 4.5	45° 4 30 4.5	4.0
)°	12 20 7.0 7.0	45° 9 15 11.0 7.5	0° 9	15 4.5 5.5	45° 5 20 5.5	4.5
20	50	w, Beamspread: 38°, MC: 530	BR30 FL	65	w, Beamspread: 60°, MC: 5	510
	0° AIMING ANGLE	45° AIMING ANGLE		IMING ANGLE	45° AIMING ANGLE	
۹° °°	D FC L W 2 130 1.5 1.5	<b>A° D FC L W</b> 45° 2 45 3.0 2.0	<b>A°</b> D 0° 4	FC L W 30 4.5 4.5	<b>A° D FC L</b> 45° 3 20 10.5	W 5.0
)°	3 60 2.0 2.0	45 2 45 3.0 2.0 45° 3 20 4.5 3.0	0° 6	15 7.0 7.0	45° 4 10 14.0	
)° )°	4 35 3.0 3.0	45° 4 10 6.5 4.0	0° 8	10 9.0 9.0	45° 5 5 17.5	
	5 20 3.5 3.5	45° 5 5 8.0 5.0	0° 10	5 11.5 11.5	45° 6 5 21.0 1	10.0
AR:	<b>30 NSP</b> 75w	v, Beamspread: 12°, MC: 10,500	PAR36 VN	<b>ISP</b> 75w	, Beamspread: 5.5°, MC: 31	,500
Λ 0	0° AIMING ANGLE	45° AIMING ANGLE		IMING ANGLE	45° AIMING ANGLE	141
A° 0°	D FC L W 8 165 1.5 1.5	<b>A° D FC L W</b> 45° 5 150 2.0 1.5	<b>A° D</b> 0° 10	FC L W 315 .5 1.0	<b>A° D FC L</b> 45° 6 300 1.0	<b>W</b> 1.0
0°	12 75 2.5 2.5	45° 7 75 3.0 2.0	0° 15	140 1.0 2.0	45° 9 135 1.5	1.5
)°	16 40 3.5 3.5 20 25 4.0 4.0	45° 9 45 4.0 2.5 45° 11 30 4.5 3.5	0° 20 0° 25	80 1.5 2.5 50 1.5 3.0		2.0
,	20 25 4.0 4.0	45° 11 30 4.5 3.5	U 25	50 1.5 3.0	45° 15 50 2.0	2.5
AR:	20 NFL 50	w, Beamspread: 32°, MC: 1250	BR30 SP	65v	v, Beamspread: 27°, MC: 16	680
A	0° AIMING ANGLE	45° AIMING ANGLE	0° A	IMING ANGLE	45° AIMING ANGLE	
	0 AIMING ANGLE					
A°	D FC L W	A° D FC L W	A° D	FC L W	A° D FC L	W
<b>A°</b> 0° 0°		<b>A° D FC L W</b> 45° 2 110 2.5 1.5	A° D 0° 4 0° 6	FC L W 105 2.0 2.0 45 3.0 3.0	45° 3 65 3.0	<b>W</b> 2.0 3.0
0°	D FC L W 3 140 1.5 1.5	<b>A° D FC L W</b> 45° 2 110 2.5 1.5	0° 4	105 2.0 2.0	45° 3 65 3.0 45° 4 35 4.0 45° 5 25 5.0	2.0

# alphabetical index

A	<b>DUCHESS</b> 10
<b>ADA COMPLIANT WALL SCONCES</b> 124, 126, 133, 134	<b>DUORAIL™</b> 89 - 94
<b>ADEO</b>	Bending Machine
<b>AGNI COLLECTION</b>	Components93
<b>ALLURE</b>	QUICK CONNECT™ Adapter
<b>ALLURE COLLECTION</b>	Transformers
<b>ALPA</b>	E
<b>AMBROSIA</b>	<b>EDEN.</b>
<b>AMERICANA COLLECTION</b> 7 - 8	<b>EGO</b>
<b>APRIL</b>	<b>ELECTRONIC TRANSFORMERS</b> 85, 94, 144, 146, 148, 172, 277
FLEXRAIL1™99	<b>ELLA</b>
Low Voltage Track	ELYSE
QUICK CONNECT™	<b>EMPRESS</b> 110
	<b>ENERGY EFFICIENT WALL SCONCES</b> 125 - 126
<b>ARTISTA COLLECTION.</b>	ENERGY STAR
<b>ATLANTIS</b>	4" Downlights
<b>AURORA</b>	5" Downlights
<b>AVANT GARDE</b> 21 - 22	6" Downlights
<b>AYURVEDA</b>	Avant Garde
В	Caribe Bronze Track Head
<b>BAHNHOF COLLECTION</b>	Carrol Gardens
<b>BARN DOORS</b> 200, 274	Clinton
<b>BEAUTY SPOTS™</b>	Cobble Hill
Color Crystal	Franklin 8
Cubix	Mode
Duchess	Moss
Empress	Park Slope
lrix	Seraphim
Optix	Solstice
Princess	Tabula Rasa
<b>BELLA</b>	Williamsburg
<b>BENDING MACHINE</b>	Zeitgeist
<b>BONGO</b>	
<b>BROOKLYN RESTORATION COLLECTION9</b> - 10, 203	<b>ERGO</b>
<b>BROOKLYN RESTORATION COLLECTION9</b> - 10, 203 <b>BRULEE</b>	<b>ERGO</b>
<b>BROOKLYN RESTORATION COLLECTION9</b> - 10, 203	ERGO       25, 63, 102, 204         ETE       25, 36         ETHER       26, 54, 102, 119, 204
BROOKLYN RESTORATION COLLECTION	ERGO
BROOKLYN RESTORATION COLLECTION	ERGO
BROOKLYN RESTORATION COLLECTION	ERGO
BROOKLYN RESTORATION COLLECTION	ERGO       25, 63, 102, 204         ETE       25, 36         ETHER       26, 54, 102, 119, 204         F       FABERGE         FELIS       13, 101, 203         FESTIVA COLLECTION       35 - 36
BROOKLYN RESTORATION COLLECTION	ERGO
BROOKLYN RESTORATION COLLECTION	ERGO       25, 63, 102, 204         ETE       25, 36         ETHER       26, 54, 102, 119, 204         F       FABERGE         FELIS       13, 101, 203         FESTIVA COLLECTION       .35 - 36         FIORE       .25, 42, 102, 117, 204         FIXTURE KITS       .25, 42, 102, 117, 204         Counter Balance Pendant       .132         Monorail Kits       .129 - 130         Pendant Kits       .131         Starter Kits       .128
BROOKLYN RESTORATION COLLECTION	ERGO       25, 63, 102, 204         ETE       25, 36         ETHER       26, 54, 102, 119, 204         F       FABERGE         FELIS       13, 101, 203         FESTIVA COLLECTION       35 - 36         FIORE       25, 42, 102, 117, 204         FIXTURE KITS       132         Counter Balance Pendant       132         Monorail Kits       129 - 130         Pendant Kits       131         Starter Kits       128         Wall Sconces       133 - 134
BROOKLYN RESTORATION COLLECTION	ERGO       25, 63, 102, 204         ETE       25, 36         ETHER       26, 54, 102, 119, 204         F       FABERGE         FELIS       13, 101, 203         FESTIVA COLLECTION       35 - 36         FIORE       25, 42, 102, 117, 204         FIXTURE KITS       132         Monorail Kits       129 - 130         Pendant Kits       131         Starter Kits       128         Wall Sconces       133 - 134         FLAVA       25, 60
BROOKLYN RESTORATION COLLECTION	ERGO

# alphabetical index

<b>FOCUS</b>	<b>MULTIPLE SPOTS</b> 217 - 222	5
FOLIA		<b>SARAH</b> 26, 67, 68, 102, 118, 20
<b>FRANKLIN</b>	N	<b>SERAPHIM</b>
<b>FREEDOM COLLECTION</b> 13 - 16, 203	<b>NATURAL</b> 26, 41, 121	<b>SHANTI</b> 25, 29
<b>FROST</b> 14, 101, 203	NINA	SINGLE CANOPIES 24, 78
<b>FRUIT</b> 26, 34	NOVA	SINGLE CIRCUIT TRACK 206 - 20
<b>FUTURA COLLECTION</b> .63 - 64	_	SOLORAIL™81 - 8
G	0	Bending Machine 8
GLACIAL COLLECTION61 - 62	<b>OBO</b>	Components8
GLACIAL COLLECTION	<b>OPTIX</b> 109	•
<u>H</u>	p	QUICK CONNECT™ Adapter
<b>HANI</b>	PARK SLOPE	Transformers85 - 86
I		<b>SOLSTICE</b> 5, 101, 203
INGO	<b>PASHMIN</b>	SOUTH BEACH COLLECTION67 - 7.
	<b>PASSION</b>	<b>SPECTA</b> 26, 74
<b>INO</b>	<b>POLARIS</b>	SUPER EGO
	<b>POME</b> 25, 59	SURFACE MOUNT SPOTS 263-260
Components	<b>PRINCESS</b>	Line Voltage
Mixing Effects	<b>PRISMA</b> 26, 44	
Project Solutions Kit	PROJECT SOLUTIONS KITS 137	Low Voltage
IRIX109	<b>PUGET SOUND</b> 3 - 6	т
1	<b>PURA</b>	TABULA RASA20
<u>J</u>	<b>PYRI</b> 25, 34	
<b>JILL</b>	<b>PYXIS</b> 26, 44	TELUS
K		TIGRA
KALEIDOSCOPE COLLECTION37 - 38	Q	TIKAL 26, 65
<b>KOGEL</b>	<b>QUICK CONNECT™</b>	TRACK 173-214
<b>KOMAL</b>	Adapter - 120V Track24, 205	Caribe Bronze
KONIC	Adapter - DUORAIL™ 24, 91	Components 207-208, 211-212
<b>KUNIC</b> 25, 04	Adapter - FLEXRAIL1™24, 100	Current Limiter 213 - 214
L	Adapter - LINEAR™ 24, 167	Energy Efficient 195 - 196
<b>LAUREN</b>	Adapter - SOLORAIL™ 24, 83	LEDme™178
LEDme™	Fixtures	Line Voltage 199 - 200
Button Light143	Lenses	Line Voltage Wall Washers 202
INVISILED™	Multiple Canopies	Low Voltage
Lenses 193 - 194	Pendants and Fixtures Matrix 25 - 26	Miniature Line Voltage
Light Bars 151-152	Shades	
LINEAR™ Cabinet 149 - 150, 172		Pendant Options
Recessed Compatibility	Single Canopies	Premium Line Voltage 197 - 19
Showcase Lighting	System Adapters 24	Premium Low Voltage 183 - 18
	R	QUICK CONNECT™ Adapter 20.
Track Heads	RECESSED	Rialto Bronze
Track Lens Compatibility 192		Single Circuit Track 206 - 208
LENSES AND ACCESSORIES	3" Low Voltage	Two Circuit Track 210 - 212
Description 193-194	3" Premium Low Voltage223- 224	<b>TRISTA</b>
QUICK CONNECT™ compatibility 76	4" Compact Fluorescent 241	
Recessed compatibility231	4" Line Voltage 255 - 256	TROPIX COLLECTION
Track compatibility	4" Low Voltage 229 - 230	<b>TRUFFLE</b>
	4" Premium Line Voltage 246	<b>TUK</b>
<b>LEUCHTE COLLECTION</b>	4" Premium Low Voltage 225 - 226	<b>TULUM</b> 26, 63
<b>LIGHT BARS</b> 151-162	5" Compact Fluorescent 242	<b>TWIST</b> 26, 7
<b>LINEAR™</b> 147 - 150, 163 - 172	5" Line Voltage	<b>TWO CIRCUIT TRACK</b> 210 - 21.
Components 171	5" Premium CFL 233-234	V
Cove Lighting Fixtures 149, 150, 169	5" Premium Line Voltage 247 - 248	VENEZIA COLLECTION39 - 4
Directional Fixtures	6" Compact Fluorescent 244	VIDA
QUICK CONNECT™ Adapter 167	6" Energy Efficient Metal Halide 232	VOLTAGE DROP GUIDELINES85, 94
QUICK CONNECT™ Fixtures 168	6" Line Voltage 259 - 260	
Transformers	6" Premium CFL	148, 172,
114113101111613		W
<b>LISA</b>	6" Premium Line Voltage 249 - 252	WALL SCONCE
M	6" Sloped Ceiling 253	ADA Compliant 124, 126, 133, 134
	8" Premium CFL 239 - 240	Decorative
<b>MAGNETIC TRANSFORMERS</b> 85 - 86, 94,	<b>RED ROCK</b> 4, 101, 203	Energy Efficient 125 - 126
148, 172, 278	REMOTE TRANSFORMERS85, 94,	
MERLIN		<b>WHITE COLLECTION</b>
<b>MINIATURE RECESSED</b> 145 - 146	277 - 278, 172	<b>WILLIAMSBURG</b> 10, 101, 203
<b>MINNI</b>	REVEAL COLLECTION51 - 52	Z
<b>MINT</b> 26, 75	<b>RIALTO</b>	ZEITGEIST19
<b>MODE</b> 7, 101, 203	<b>ROCKPORT COLLECTION</b> 55 - 56	<b>ZOTIC</b>
<b>MODERNISM™</b>	<b>ROLLS</b> 26, 75	<b>2011C</b> 26, /-
MOCC ( 101 202	ROSETTA 25 35 102 117 204	

**MULTIPLE CANOPIES.....** 24, 79 - 80

SYMBOLS	<b>DLC-P</b> 272	<b>HHT-160</b> 190	<b>HM1-483</b>
<b>008FP</b>	DR-301107	HHT-160L190	<b>HM1-486</b> 8, 101
<b>801BD</b>	<b>DR-G352</b> 108	<b>HHT-180</b> 190	<b>HM1-487</b> 9, 101
103	<b>DR-G355</b> 109	<b>HHT-180L</b> 190	<b>HM1-488</b> 9, 101
Α	<b>DR-G356</b> 109	<b>HHT-204</b> 190	<b>HM1-720</b> 97
AP-1RE 114	<b>DR-G357</b> 109	<b>HHT-204L</b> 190	<b>HM1-730</b> 97
<b>AP-3RE</b> 114	<b>DR-G361</b> 110	<b>HHT-801</b> 189	<b>HM1-738</b> 97
<b>AP-5RE</b> 113	<b>DR-G362</b> 110	<b>HHT-801L</b> 189	<b>HM1-773</b> 97
<b>AP-7RE</b> 113	<b>DR-G363</b> 110	<b>HHT-802</b> 185	<b>HM1-774</b> 97
<b>AP-K590-PT/WT</b> 132	-	<b>HHT-802L</b> 185	<b>HM1-775</b> 97
<b>AP-K591-PT/WT</b> 132	<u>E</u>	<b>HHT-808</b> 189	<b>HM1-783</b> 97
<b>AP-K592-BZ/AM</b> 132	EN-1260-P-AR 146, 277	<b>HHT-808L</b> 189	<b>HM1-784</b> 97
D	EN-1260-P-AR-T140	<b>HHT-809</b> 185	<b>HM1-785</b> 97
<b>BA-BF-08</b> 158	EN-1260-R2277 EN-1260-R-AR277	<b>HHT-809L</b> 185	<b>HM1-846</b> 99
BA-BF-13158	EN-1260-RB2 144, 146, 277	HHT-814188	<b>HM1-846L</b> 99
BA-BF-21158	EN-1260-RB2-T140	HHT-814L188	<b>HM1-849</b> 99
<b>BA-BF-28</b> 158	EN-1260-RB-AR . 148, 172, 277	HHT-815183	HM1-849L99
<b>BA-BF-35</b> 158	EN-1275-R-AR277	<b>HHT-816</b>	HM1-93699
<b>BA-BX-1</b> 162	EN-1275-RB-AR . 148, 172, 277	HHT-817183	HM1-936L
<b>BA-BX-2</b> 162	EN-12100-R-AR277	HHT-819183	<b>HM1-BM</b> 87, 93, 104 <b>HM1-EC</b> 104
<b>BA-BX-3</b> 162	EN-12100-RB-AR. 148, 172, 277	HHT-819L183	HM1-EN5024, 100
<b>BA-BX-4</b> 162	<b>EN-12120-RB2</b> 144, 146, 277	HHT-826187	HM1-I6104
<b>BA-F108</b> 156	<b>EN-12150-R-AR</b> 277	HHT-826L187	HM1-I12104
<b>BA-F113</b> 156	EN-12150-RB-AR. 148, 172, 277	<b>HHT-846</b> 184	<b>HM1-124</b> 104
<b>BA-F208</b> 156	<b>EN-12180-RB2</b> 144, 146, 277	<b>HHT-846L</b> 184	<b>HM1-I36</b> 104
<b>BA-F213</b> 156	<b>EN-12300-RB2</b> 144, 146, 277	<b>HHT-856</b> 187	<b>HM1-I48</b> 104
<b>BA-F813</b> 156	<b>EN-24150-R-AR</b> 277	<b>HHT-856L</b> 187	<b>HM1-IDEC6</b> 104
<b>BA-I</b> 154, 156, 158	EN-24150-RB-AR. 148, 172, 277	<b>HHT-866</b> 184	<b>HM1-IDEC12</b> .104
160, 162	EN-B12PY-AR 148, 172, 277	<b>HHT-866L</b> 184	<b>HM1-IDEC24</b> .104
<b>BA-IC12</b> 154, 156, 158	EN-B24PZ-AR148, 172, 277	<b>HHT-874</b> 180	<b>HM1-IDEC36</b> 104
160, 162	EN-HQ50AR24, 205	<b>HHT-874L</b> 180	<b>HM1-IDEC48</b> 104
<b>BA-IC24</b> 154, 156, 158	<b>EN-JQ50AR</b> 24, 205 <b>EN-LQ50AR</b> 24, 205	<b>HHT-874-LENS</b> 180	<b>HM1-PCC12</b> 104
160, 162 <b>BA-IC36</b> 154, 156, 158	ETB278	HHT-874L-LENS180	<b>HM1-PCC24</b> 104
160, 162	EID2/0	<b>HHT-876</b> 187	<b>HM1-PCC36</b> 104
<b>BA-LED2</b> 152	G	HHT-876L187	HM1-PCC48104
<b>BA-LED4</b> 152	<b>G111</b> 76,168,188	<b>HHT-886</b>	HM1-PCC96104
<b>BA-LED6</b> 152	<b>G112</b> 76,168,188	HHT-901191	<b>HM1-PCT6</b> 104 <b>HM1-PCT12</b> 104
<b>BA-LED8</b> 152	<b>G113</b>	HHT-901L191	HM1-PCT24104
<b>BA-LED10</b> 152	<b>G114</b> 76,168,188	<b>HHT-936</b> 191	HM1-PCT36104
<b>BA-LIX-1</b> 160	<b>G115</b>	<b>HHT-936L</b> 191	HM1-PCT48104
<b>BA-LIX-2</b> 160	<b>G116</b>	<b>HHT-1102</b> 185	<b>HM1-T4</b> 104
<b>BA-LIX-3</b> 160	<b>G119</b>	<b>HHT-1109</b> 185	<b>HM1-T8</b> 104
<b>BA-LIX-4</b> 160	<b>G-WS404</b> 126	<b>HHT-1126</b> 187	<b>HM1-TB6</b> 104
<b>BA-LIX-6</b> 160	<b>G-WS406</b> 126	<b>HI</b> 207	<b>HM1-TB12</b> .104
<b>BA-PC6</b> 154, 156, 158	Н	<b>HI-DEC</b> 207	<b>HM1-TB24</b> .104
160, 162	H-9F-CW178	HI-PWR207	<b>HM1-TB36</b> 104
<b>BA-X1</b> 154	<b>H-9F-WW</b> .178	<b>HLE</b> 207	<b>HM1-TB48</b> .104
<b>BA-X2</b> 154	<b>H-9S-CW</b> 178	<b>HL-LEFT</b> 207	<b>HM1-VA6</b> .104
<b>BA-X3</b>	<b>H-9S-WW</b> .178	H-LOOP208	<b>HM1-VA12</b> .104
BA-X6154	<b>H18</b> 208, 212	<b>HL-RIGHT</b> 207	<b>HM1-VA24</b> 104
<b>BP-15-12V</b> 150, 172	<b>H-18F-CW</b> 178	HM1-10198	<b>HM1-VA36</b> 104
<b>BP-15-24V</b>	<b>H-18F-WW</b> 178	<b>HM1-150</b>	<b>HM1-VA48</b> 104
BP-20-12V 150, 172	<b>H-18S-CW</b> 178	<b>HM1-403</b>	<b>HM1-X6</b>
<b>BP-20-24V</b> 150, 172	<b>H-18S-WW</b> .178	<b>HM1-404</b>	<b>HM1-X12</b> 104 <b>HM1-X24</b> 104
- · · · · · · · · · · · · · · · · · · ·	<b>H24</b> 208, 212	<b>HM1-406</b>	<b>HM1-X36</b> 104
D	<b>H36</b> 208, 212	<b>HM1-408</b>	HM1-X48104
<b>DL-007</b> 271	<b>H48</b> 208, 212	<b>HM1-421</b> 6, 101	HM1-XADJ104
<b>DL-024</b> 271	<b>HBXLE</b>	<b>HM1-423</b> 5, 101	<b>HM1-XS6</b> 104
<b>DL-150</b>	HCORD208	<b>HM1-424</b> 3, 101	<b>HM1-XS12</b> 104
<b>DL-167</b> 271	HFC208	<b>HM1-426</b> 4, 101	HM1-XS24104
<b>DL-188</b> 272	HFLX207	<b>HM1-451</b> 11, 101	HM1-XS36104
<b>DL-214</b> 271	HHT-007186	<b>HM1-454</b> 12, 101	<b>HM1-XS48</b> 104
<b>DL-701</b>	HHT-007L186	<b>HM1-471</b> 7, 101	<b>HMP</b> 207
DLC-4A272	HHT-009L186	<b>HM1-472</b> 8, 101	<b>HM-XADJ</b> 104
DEC-4M		<b>HM1-474</b> 10, 101	

<b>HR-86</b>	<b>HTK-132E</b> 180	J	<b>JHT-814L</b> 188
<b>HR-88</b> 144	HTK-150202	<b>J2-BXLE</b> 211	JHT-815183
HR-301E224	HTK-178200		JHT-816
		<b>J2-FLX</b> 211	
HR-301M224	<b>HTK-188</b> 200	<b>J2-I</b> 211	<b>JHT-816L</b> 185
<b>HR-302E</b> 223	HTK-300202	<b>J2I-2-1A</b> 214	<b>JHT-817</b> 183
<b>HR-302M</b> 223	<b>HTK-402</b> .15	<b>J2I-2-2A</b> 214	<b>JHT-819</b> 183
<b>HR-800</b> 227	<b>HTK-403</b> .14	<b>J2I-2-5A</b> 214	<b>JHT-819L</b> .183
<b>HR-801</b> 228	<b>HTK-404</b> .13	<b>J2I-2-7A</b> 214	<b>JHT-826</b> 187
<b>HR-802</b> 228	HTK-40614	<b>J2I-2-10A</b> 214	<b>JHT-826L</b> 187
<b>HR-806</b> 227	<b>HTK-408</b> 16	<b>J2-IDEC</b> 211	<b>JHT-846</b>
HR-833227	HTK-4216	<b>J2-IPWR</b> 211	JHT-846L184
HR-834227	HTK-4235		JHT-856187
		<b>J2-LE</b> 211	
<b>HR-836</b> 227	HTK-4243	<b>J2LE-2-1A</b> 214	JHT-856L187
<b>HR-837</b> 227	HTK-4264	<b>J2LE-2-2A</b> 214	<b>JHT-866</b> 184
<b>HR-1135</b> 145	<b>HTK-451</b> 11	<b>J2LE-2-5A</b> 214	<b>JHT-866L</b> 184
<b>HR-1136</b> .145	<b>HTK-454</b> .12	<b>J2LE-2-7A</b> 214	<b>JHT-874</b> 180
<b>HR-1137</b> .145	<b>HTK-471</b> .7	<b>J2LE-2-10A</b> 214	<b>JHT-874L</b> 180
<b>HR-1138</b> .146	HTK-4728	<b>J2-LLEFT</b> 211	JHT-874-LENS180
<b>HR-1139</b> .146	<b>HTK-474.</b> 10	<b>J2L-LEFT-2-1A</b>	JHT-874L-LENS180
HR-8401E 226, 230	<b>HTK-483</b> 10	J2L-LEFT-2-2A	<b>JHT-876</b> 187
HR-8401H 226, 230	HTK-4868		JHT-876L
		<b>J2L-LEFT-2-5A</b> 214	
HR-8401HF 226, 230	HTK-4879	<b>J2L-LEFT-2-7A</b> 214	JHT-886182
<b>HR-8402E</b>	<b>HTK-488.</b> 9	<b>J2L-LEFT-2-10A</b> 214	<b>JHT-886L</b> 182
<b>HR-8402H</b> 225, 229	<b>HTK-520-39E</b> 196	<b>J2-LRIGHT</b> 211	<b>JHT-901</b> 191
<b>HR-8402HF</b> 225 <b>,</b> 229	<b>HTK-530-39E</b> 196	<b>J2L-RIGHT-2-1A</b> 214	<b>JHT-901L</b> 191
<b>HR-8402HFL</b> 225 <b>,</b> 229	<b>HTK-530-70E</b> 196	J2L-RIGHT-2-2A214	<b>JHT-936</b> 191
<b>HR-8402HL</b> 225, 229	<b>HTK-538-70E</b> 196	<b>J2L-RIGHT-2-5A</b> 214	<b>JHT-936L</b> 191
HR-8403H 226, 230	HTK-538-100E	J2L-RIGHT-2-10A214	<b>JHT-1102</b> .185
<b>HR-8403HF</b> 226, 230	<b>HTK-701</b> .199	<b>J2-T</b> 211	<b>JHT-1109</b> 185
HR-8411229	HTK-703198	<b>J2-T4</b> 210	JHT-1126187
HR-8412229	HTK-704199		JI207
		<b>J2-T8</b> 210	
HR-8414229	HTK-705198	<b>J2-T12</b> 210	JI-DEC207
<b>HR-8417</b> .229	<b>HTK-706</b> .199	<b>J2-TBLE</b> 211	<b>JI-PWR</b> 207
<b>HR-D321</b> 223	<b>HTK-717</b> 199	<b>J2-UCP</b> 211	<b>JLE</b> 207
<b>HR-D324</b> 223	<b>HTK-718</b> 199	<b>J2-WCOV</b> 212	<b>JLE-1-1A</b> 214
<b>HR-D325</b> 224	<b>HTK-720</b> 197	<b>J2-X</b> 211	<b>JLE-1-5A</b> 214
<b>HR-D326</b> 224	<b>HTK-725</b> 198	<b>J-9F-CW</b> 178	<b>JL-LEFT</b> 207
<b>HR-D327</b> 223	<b>HTK-730</b> 197	<b>J-9F-WW</b> 178	<b>JL-LEFT-1-1A</b> 214
<b>HR-D329</b> 224	<b>HTK-738</b> 197	<b>J-9S-CW</b> 178	<b>JL-LEFT-1-2A</b> 214
HR-D332224	<b>HTK-753</b> 197	J-9S-WW178	<b>JL-LEFT-1-10A</b> 214
HR-D333224	HTK-754197		J-LOOP208
HR-D334223	HTK-755197	<b>J-18F-CW</b> 178	JL-RIGHT207
		<b>J-18F-WW</b> 178	JL-RIGHT-1-1A214
<b>HR-D411</b> 225	HTK-763199	<b>J-18S-CW</b> 178	
<b>HR-D412</b> 225	<b>HTK-763-39E</b> 196	<b>J-18S-WW</b> 178	<b>JL-RIGHT-1-5A</b> 214
<b>HR-D413</b> 225	<b>HTK-764</b> .199	<b>JBXLE</b> 207	<b>JL-RIGHT-1-7A</b> 214
<b>HR-D414</b> 226	<b>HTK-764-39E</b> 196	<b>JCLIP</b> 212	<b>JL-RIGHT-1-10A</b> 214
<b>HR-D415</b> 225	<b>HTK-764-70E</b> 196	JCP207	<b>JMP</b> 207
<b>HR-D416</b> 226	<b>HTK-765</b> 199	JFC208	<b>JT</b> 207
<b>HR-D417</b> 226	<b>HTK-765-70E</b> 196	JFLX207	<b>JT2</b> 206
<b>HR-D418</b> 225	<b>HTK-773</b> .197	JHT-007186	<b>JT4</b> 206
HR-D419225	<b>HTK-774</b> 197	JHT-007L186	<b>JT6</b> 206
<b>HR-D420</b> 226	<b>HTK-775</b> .197	JHT-009L186	<b>JT8</b> 206
HR-D423226	HTK-793182	JHT-160190	JTK-024
HR-D425226	HTK-794182		JTK-048200
HR-LED85143		JHT-160L190	
	HTK-795182	<b>JHT-180</b> 190	JTK-101201
<b>HT</b> 207	HTK-797180	<b>JHT-180L</b> 190	JTK-102201
<b>HT2</b> 206	HTK-797-LENS180	<b>JHT-204</b>	<b>JTK-103</b> 201
<b>HT4</b> 206	<b>HTK-798</b> .180	<b>JHT-204L</b> 190	<b>JTK-104</b> 201
<b>HT6</b> 206	<b>HTK-798-LENS</b> 180	<b>JHT-801</b> 189	<b>JTK-105</b> 201
<b>HT8</b> 206	<b>HTK-799</b> 180	<b>JHT-801L</b> .189	<b>JTK-132E</b> .180
HTK-024200	HTK-799-LENS180	<b>JHT-802</b>	<b>JTK-150</b> 202
HTK-048200	<b>HTK-W126E-HS</b> 195	JHT- <b>802L</b> 185	<b>JTK-178</b> 200
<b>HTK-101</b> 201	HTK-W218E-HS195	JHT-808189	JTK-188200
<b>HTK-102</b> 201	HTK-W227E-HS195	JHT-808L189	JTK-300202
HTK-103201	HTK-W239E-HS195	JHT-809185	JTK-40215
HTK-104201	HTK-W240E-HS195		JTK-403
HTK-105201		JHT-809L185	JTK-404
mi <b>k</b> -103201	<b>HX</b> 207	<b>JHT-814</b> 188	J: N-404

-			_
<b>JTK-406</b>	<b>L-18S-WW</b> 178	<b>LHT-007L</b> 186	<b>LM2-SCP48</b> .94
<b>JTK-408</b>	<b>LBXLE</b> 207	<b>LHT-009L</b> 186	LM2-SCP9694
JTK-4216	LCORDSET208	LHT-160190	LM2-T93
JTK-4235	LCP207	<b>LHT-160L</b> 190	LM2-T493
JTK-4243	<b>LED-350MA03-RB</b> 143	<b>LHT-180</b> 190	<b>LM2-T8</b> 93
JTK- <b>426</b> 4	<b>LED-350MA08-RB</b> 143	<b>LHT-180L</b> 190	<b>LM2-TB3</b> 93
<b>JTK-451</b> 11	<b>LED-350MA09-RB</b> 143	<b>LHT-204</b> 190	<b>LM2-TB4</b> 93
<b>JTK-454</b> 12	<b>LED-350MA12-RB</b> 143	<b>LHT-204L</b> 190	<b>LM2-TB5</b> 93
<b>JTK-471</b> 7	<b>LED-350MA16-RB</b> 143	<b>LHT-801</b> .189	<b>LM2-VA</b> 93
JTK-4728	<b>LED-700MA12-P</b> 270	<b>LHT-801L</b> 189	LM2-X393
JTK-47410	<b>LED-FS-60</b>	<b>LHT-802</b> 185	LM2-X493
JTK-48310	LED-SL-101-CW-F270	LHT-802L185	LM2-X593
JTK-4868	<b>LED-SL-101-CW-S</b> 270	LHT-808189	LM2-XDEC93
<b>JTK-487</b> 9	<b>LED-SL-101-CW-W</b> 270	<b>LHT-808L</b> .189	<b>LM2-XS5</b> 93
<b>JTK-488</b> 9	<b>LED-SL-101-NW-F</b> 270	<b>LHT-809</b> 185	<b>LM-CPC</b> 85
<b>JTK-520-39E</b> .196	<b>LED-SL-101-NW-S</b> 270	<b>LHT-809L</b> 185	<b>LM-CS48</b> 87
JTK-530-39E196	<b>LED-SL-101-NW-W</b> 270	<b>LHT-814</b> .188	LM-CS9687
JTK-530-70E196	<b>LED-SL-101-WW-F</b> 270	<b>LHT-814L</b> 188	<b>LM-CW</b> 87
<b>JTK-538-70E</b> 196	<b>LED-SL-101-WW-S</b> 270	<b>LHT-815</b> .183	LM-DBC12/24-300 85, 172, 278
JTK-538-100E196	LED-SL-101-WW-W270	<b>LHT-816</b> 185	LM-DBC12/24-600 85, 172, 278
JTK-701199	<b>LED-T-1</b> 140	LHT-816L185	LM-DBC12-150 85, 172, 278
JTK-703198	<b>LED-T-1-25</b> 140	LHT-817183	
			LM-DCPC85
<b>JTK-704</b> 199	<b>LED-T-2IN</b> 140	<b>LHT-819</b> 183	LM-EC87
<b>JTK-705</b> 198	<b>LED-T-2IN-10</b> 140	<b>LHT-819L</b> 183	<b>LM-EN12-150E</b> 86
<b>JTK-706</b> 199	<b>LED-T-5</b> 140	<b>LHT-826</b> .187	<b>LM-EN12-150M</b>
<b>JTK-717</b> 199	<b>LED-T-CL</b> 140	<b>LHT-826L</b> 187	LM-EN12-250E86
<b>JTK-718</b> 199	<b>LED-T-EC</b> 140	<b>LHT-846</b> 184	<b>LM-EN12-300M </b>
<b>JTK-720</b> 197	<b>LED-T-IC2</b> 140	<b>LHT-846L</b> 184	LM-EN12-600M
<b>JTK-725</b> 198	<b>LED-T-IC6</b> 140	<b>LHT-856</b> .187	LM-EN24-300M
JTK-730197	<b>LED-T-IC12</b> 140	LHT-856L187	LM-EN24-600M
JTK-738197	<b>LED-T-IC72</b> 140	LHT-866184	LM-I87
JTK-753197	<b>LED-T-KIT</b> 137	LHT-866L184	LM-IDEC87
<b>JTK-754</b> 197	<b>LED-T-L</b> 140	<b>LHT-874</b> 180	<b>LM-JS</b> 87
<b>JTK-755</b> 197	<b>LED-T-P-2</b> 140	<b>LHT-874L</b> 180	<b>LM-K590-WT/PT</b> 129
<b>JTK-763</b> 199	<b>LED-T-P-12</b> 140	<b>LHT-874-LENS</b> 180	<b>LM-K591-WT/PT</b> 129
<b>JTK-763-39E</b> .196	<b>LED-T-RC</b> 140	<b>LHT-874L-LENS</b> 180	<b>LM-K-592-AB/BZ</b> .129
<b>JTK-764</b> 199	<b>LENS-11</b> 193	<b>LHT-876</b> 187	<b>LM-K8111-BZ/AS</b> 130
<b>JTK-764-39E</b> .196	<b>LENS-11-BEL</b> 194	<b>LHT-876L</b> 187	<b>LM-K8115-BZ/BZ</b> 130
JTK-764-70E196	<b>LENS-11-DIC</b> 193	LHT-886182	<b>LM-K9411-PT/WT</b> 130
JTK-765	LENS-11-FR194	LHT-886L182	LM-K9415-PT/PT130
JTK-765-70E196	LENS-11-HCL194	LHT-901191	LM-L87
<b>JTK-773</b> 197	<b>LENS-11-SPR</b> 194	<b>LHT-901L</b> 191	<b>LM-OW</b> 85
<b>JTK-774</b> 197	<b>LENS-11-UVF</b> 194	<b>LHT-936</b> 191	<b>LM-OWP</b> 85
<b>JTK-775</b> 197	<b>LENS-16</b> .193	<b>LHT-936L</b> 191	<b>LMP</b> 207
<b>JTK-793</b> 182	<b>LENS-16-BEL</b> 194	<b>LHT-1102</b> .185	<b>LM-PCS48</b> 85
<b>JTK-794</b> 182	<b>LENS-16-CL</b> 194	<b>LHT-1109</b> .185	<b>LM-PCS96</b> 85
<b>JTK-795</b> 182	<b>LENS-16-CLIP</b> 194	<b>LHT-1126</b> .187	<b>LM-QADP</b> 24, 83, 100
<b>JTK-797</b> 180	<b>LENS-16-DIC</b> 193	<b>LI</b> 207	<b>LM-R12</b> 87. 93
JTK-797-LENS180	<b>LENS-16-FR</b> 194	<b>LI-DEC</b> 207	LM-R2487.93
JTK-798180	LENS-16-HCL	LI-PWR207	<b>LM-R36.</b> 87, 93
JTK-798-LENS180	LENS-16-SPR194	<b>LLE</b>	LM-R48
JTK-799180	LENS-16-3FK	<b>LL-LEFT</b> 207	LM-RI
JTK-799	LENS-16-UVF194 LENS-20193	L-LOOP207	LM-SCP4885
<b>JTK-W126E-HS</b> 195	<b>LENS-20-DIC</b> 193	<b>LL-RIGHT</b> 207	<b>LM-SCP96</b> 85
<b>JTK-W218E-HS</b> 195	<b>LENS-20-UVF</b> 194	<b>LM2-CPC</b> 94	<b>LM-SK-150E</b> 128
<b>JTK-W227E-HS</b> 195	<b>LENS-30</b> 193	<b>LM2-CS48</b> 93	<b>LM-SK-250E</b> 128
<b>JTK-W239E-HS</b> 195	<b>LENS-30-DIC</b> 193	<b>LM2-CS96</b> 93	LM-T87
<b>JTK-W240E-HS</b> 195	<b>LENS-30-UVF</b> 194	<b>LM2-DCPC</b> 94	<b>LM-T4</b> .87
JX207	LENS-38193	LM2-EC93	LM-T887
	LENS-38-DIC193	LM2-EN12-300M94	LM-TB387
L	LENS-38-UVF194	LM2-EN12-500M94	<b>LM-TB4</b> 87
<b>L-9F-CW</b> 178	LENS-45-FR194	LM2-EN 12-300M94	LM-1B4
<b>L-9F-WW</b> 178			
<b>L-9S-CW</b>	LENS-111193	LM2-IDEC93	LM-VA87
	<b>LENS-111-DIC</b> 193	<b>LM2-L</b> 93	<b>LM-WPC</b> 85
<b>L-9S-WW</b>	<b>LFC</b> 208	<b>LM2-PCS48</b> 94	<b>LM-X3</b> .87
<b>L-18F-CW</b> 178	<b>LFLX</b> 207	<b>LM2-PCS96</b> 94	<b>LM-X4</b> .87
<b>L-18F-WW</b>	<b>LHT-007</b> 186	<b>LM2-QADP</b> 24	<b>LM-X5</b> .87
<b>L-18S-CW</b> 178			

LM-XDEC	<b>LTK-775</b> 197	MT-238220	<b>PLD-406</b> .14
LM-XS587	LTK-793182	MT-238HS220	<b>PLD-408.</b>
<b>LP-007</b> 273	<b>LTK-794</b> 182	MT-238TL220	<b>PLD-421</b> 6
<b>LP-808</b> 273	<b>LTK-795</b> 182	<b>MT-316</b> 217, 221	<b>PLD-423</b> .5
<b>LT</b> 207	LTK-797180	MT-316HS217	<b>PLD-424</b> 3
<b>LT2</b> 206	LTK-797-LENS180	MT-316MH-20221	PLD-4264
LT4	LTK-798	MT-316MH-35221	<b>PLD-451</b> 11
<b>LT6</b> 206	<b>LTK-798-LENS</b> 180	MT-316TL 217, 221	<b>PLD-454</b> 12
<b>LT8</b> 206	<b>LTK-799</b> 180	<b>MT-330</b> .219	<b>PLD-471</b> .7
LTK-024200	LTK-799-LENS180	MT-330HS219	<b>PLD-472</b> 8
LTK-048200	LTK-W126E-HS195	MT-330MH222	<b>PLD-474</b> .10
<b>LTK-101</b> 201	LTK-W218E-HS195	MT-330MH-20222	<b>PLD-483</b> 10
<b>LTK-102</b> 201	<b>LTK-W227E-HS</b> 195	MT-330MH-39222	<b>PLD-486</b> 8
<b>LTK-103</b> 201	<b>LTK-W239E-HS</b> 195	MT-330MH-70222	<b>PLD-487</b> .9
<b>LTK-104</b> 201	LTK-W240E-HS195	MT-330MHTL222	<b>PLD-488</b> 9
<b>LTK-105</b> 201	<b>LX</b> 207	MT-330TL219	
LTK-132E180	EX	MT-336218	Q
	M		<b>QF-181</b> 75
<b>LTK-150</b> 202		MT-336HS218	
<b>LTK-178</b> 200	<b>MBS-11</b> 194, 274	MT-336TL218	<b>QF-182</b> 74
LTK-188200	<b>MBS-16</b> 194 <b>,</b> 274	<b>MT-416</b> 217 <b>,</b> 221	<b>QF-183</b> 74
<b>LTK-300</b> 202	<b>ME-007</b> 264	MT-416HS217	<b>QF-184</b> 75
LTK-40215	ME-101266	MT-416MH-20221	<b>QF-185</b> 74
	ME-102		<b>QF-190</b> 75
LTK-40314		MT-416MH-35221	<b>QF-190X2</b>
<b>LTK-404</b> 13	<b>ME-204</b> 273	<b>MT-416TL</b> 217, 221	~
<b>LTK-406</b>	<b>ME-808</b> 264	<b>MT-430</b> 219	<b>QF-191</b> 74
<b>LTK-408</b> 16	<b>ME-826</b> 265	MT-430HS219	<b>QF-194</b> 75
LTK-4216	<b>ME-866</b> 265	MT-430MH222	<b>QF-194X2</b> 168
	METB278	MT-430MH-20222	<b>QF-195</b> 75
<b>LTK-423</b> 5			QF-195X2
<b>LTK-424</b> 3	<b>MI-204</b> 273	MT-430MH-39222	•
LTK-4264	<b>MI-1126</b> 264	<b>MT-430MH-70</b> 222	<b>QF-196</b> 74, 168
<b>LTK-451</b>	<b>MM-204</b>	MT-430MHTL222	<b>QF-197</b>
LTK-45412	MO-024274	MT-430TL219	<b>QF-199</b>
	MO-048274	MTB-01278	<b>QF-8111-BZ/AS</b> 130
<b>LTK-471</b> 7		MIB-UI2/8	<b>QF-8115-BZ/BZ</b>
LTK-472	<b>MT-116</b> 217, 221		QF 0113 DZ/DZ
LIR-4/2	-	0	OF 0444 PT/WT 120
LTK-47410	<b>MT-116HS</b> 217	0	<b>QF-9411-PT/WT</b> 130
	-	<b>OF-A12WF</b> 22	<b>QF-9415-PT/PT</b> 130
<b>LTK-474</b>	<b>MT-116HS</b> 217		-
LTK-474	MT-116HS217 MT-116MH-20221 MT-116MH-35221	<b>OF-A12WF</b> 22	<b>QF-9415-PT/PT</b> 130 <b>QMP-G1RN</b> 78
LTK-474	MT-116HS	OF-A12WF	<b>QF-9415-PT/PT</b> 130 <b>QMP-G1RN</b> 78 <b>QMP-G3RE</b> 79
LTK-474	MT-116HS	OF-A12WF	QF-9415-PT/PT
LTK-474	MT-116HS	OF-A12WF	QF-9415-PT/PT       .130         QMP-G1RN       .78         QMP-G3RE       .79         QMP-G3RN       .80         QMP-G4RE       .79
LTK-474	MT-116HS	OF-A12WF       .22         OF-A14CF       .22         OF-A14PF       .22         OF-A17CF       .22         OF-A17PF       .22         OF-A20CF       .22	QF-9415-PT/PT
LTK-474	MT-116HS	OF-A12WF	QF-9415-PT/PT       .130         QMP-G1RN       .78         QMP-G3RE       .79         QMP-G3RN       .80         QMP-G4RE       .79
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196	MT-116HS	OF-A12WF       .22         OF-A14CF       .22         OF-A14PF       .22         OF-A17CF       .22         OF-A17PF       .22         OF-A20CF       .22	QF-9415-PT/PT
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196 LTK-538-70E 196	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A17PF       22         OF-A20CF       22         OF-A20PF       22	QF-9415-PT/PT
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196 LTK-538-70E 196 LTK-538-100E 196	MT-116HS       .217         MT-116MH-20       .221         MT-116MH-35       .221         MT-116TL       .217, 221         MT-130       .219         MT-130HS       .219         MT-130MH       .222         MT-130MH-20       .222         MT-130MH-39       .222         MT-130MH-70       .222	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A17PF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19	QF-9415-PT/PT
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196 LTK-538-70E 196	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14PF       19	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196 LTK-538-70E 196 LTK-538-100E 196	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14PF       19         OF-B17CF       19	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196 LTK-538-70E 196 LTK-538-100E 196 LTK-701 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19	QF-9415-PT/PT
LTK-474 10 LTK-483 10 LTK-486 8 LTK-487 9 LTK-488 9 LTK-520-39E 196 LTK-530-70E 196 LTK-538-70E 196 LTK-538-100E 196 LTK-701 199 LTK-703 198	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19	QF-9415-PT/PT
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-706 199  LTK-717 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-B20PF       19         OF-C12WF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-717 199  LTK-717 199  LTK-718 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-B20PF       19         OF-C12WF       20         OF-C14CF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-706 199  LTK-717 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14PF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-717 199  LTK-717 199  LTK-718 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14PF       20         OF-C17CF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-720 197  LTK-725 198	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14PF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-725 198  LTK-725 198  LTK-725 198  LTK-725 198  LTK-725 198  LTK-725 198  LTK-730 197	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14PF       20         OF-C17CF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-725 198  LTK-730 197  LTK-738 197	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C17CF       20         OF-C17PF       20         OF-C20CF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-725 198  LTK-730 197  LTK-738 197  LTK-738 197	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-A20PF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C17CF       20         OF-C17PF       20	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-725 198  LTK-730 197  LTK-738 197	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C17CF       20         OF-C17PF       20         OF-C20CF       20	QF-9415-PT/PT 130 QMP-G1RN
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LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-725 198  LTK-730 197  LTK-738 197  LTK-738 197  LTK-753 197  LTK-754 197  LTK-754 197  LTK-755 197	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C17CF       20         OF-C20CF       20         OF-C20CF       20         OF-C20FF       20         P       PAN-101	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-738 197  LTK-738 197  LTK-753 197  LTK-754 197  LTK-755 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-B20PF       19         OF-C12WF       20         OF-C14CF       20         OF-C14PF       20         OF-C17CF       20         OF-C20CF       20         OF-C30CF       20         OF-C30CF       20         OF-C40CF       20         OF-C20CF       20         OF-C20CF       20         OF-C30CF       20         OF-C40CF       20         OF-C50CF       20         OF-C50CF       20         OF-C60CF       20         OF-C60CF       20         OF	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-725 198  LTK-720 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-755 199  LTK-755 197  LTK-755 199  LTK-763 199  LTK-763 199  LTK-763 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B17CF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C17CF       20         OF-C20CF       20         OF-C20CF       20         OF-C20FF       20         P       PAN-101	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-725 198  LTK-738 197  LTK-738 197  LTK-754 197  LTK-755 199  LTK-756 199  LTK-756 199  LTK-758 197  LTK-758 197  LTK-758 199  LTK-758 199  LTK-763 199  LTK-763 199  LTK-763 199  LTK-764 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-B20PF       19         OF-C12WF       20         OF-C14CF       20         OF-C14PF       20         OF-C17CF       20         OF-C20CF       20         OF-C30CF       20         OF-C30CF       20         OF-C40CF       20         OF-C20CF       20         OF-C20CF       20         OF-C30CF       20         OF-C40CF       20         OF-C50CF       20         OF-C50CF       20         OF-C60CF       20         OF-C60CF       20         OF	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 99  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-706 199  LTK-717 199  LTK-717 199  LTK-718 199  LTK-725 198  LTK-720 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-754 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-756 199  LTK-756 199  LTK-758 197  LTK-758 197  LTK-758 197  LTK-758 197  LTK-758 199  LTK-756 199  LTK-756 199  LTK-756 199  LTK-756 199  LTK-757 197  LTK-758 197  LTK-758 199  LTK-763 199  LTK-763 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764-39E 196	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17PF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14PF       20         OF-C17PF       20         OF-C17PF       20         OF-C20CF       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C40F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C30F       266         PAN-826       265         PAN-866       265	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 9  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-706 199  LTK-717 199  LTK-718 199  LTK-720 197  LTK-725 198  LTK-738 197  LTK-738 197  LTK-754 197  LTK-755 199  LTK-756 199  LTK-756 199  LTK-758 197  LTK-758 197  LTK-758 199  LTK-758 199  LTK-763 199  LTK-763 199  LTK-763 199  LTK-764 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14CF       20         OF-C17FF       20         OF-C20CF       20         OF-C20FF       20         OF-C20FF       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C40F       20         OF-C50F       20         OF-C40F       20         OF-C50F       20         OF-C50F       20         OF-C50F	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 99  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-538-100E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-706 199  LTK-717 199  LTK-717 199  LTK-718 199  LTK-725 198  LTK-720 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-754 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-756 199  LTK-756 199  LTK-758 197  LTK-758 197  LTK-758 197  LTK-758 197  LTK-758 199  LTK-756 199  LTK-756 199  LTK-756 199  LTK-756 199  LTK-757 197  LTK-758 197  LTK-758 199  LTK-763 199  LTK-763 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764-39E 196	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14CF       20         OF-C17FF       20         OF-C17PF       20         OF-C20CF       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C20F	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 99  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-717 199  LTK-717 199  LTK-720 197  LTK-720 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-754 197  LTK-754 199  LTK-754 197  LTK-755 197  LTK-756 199  LTK-763 199  LTK-764 199  LTK-764 199  LTK-764-39E 196  LTK-764-70E 196  LTK-765 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14CF       20         OF-C17FF       20         OF-C17FF       20         OF-C20CF       20         OF-C20FF       20         OF-C20FF       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C40F       20         OF-C30F	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 99  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-717 199  LTK-717 199  LTK-720 197  LTK-720 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-754 197  LTK-755 197  LTK-755 197  LTK-756 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764-70E 196  LTK-765 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14CF       20         OF-C17FF       20         OF-C17FF       20         OF-C20CF       20         OF-C20FF       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C30F       20         OF-C30F	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 99  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-717 199  LTK-717 199  LTK-720 197  LTK-720 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-754 197  LTK-755 197  LTK-754 197  LTK-754 199  LTK-763 199  LTK-754 197  LTK-755 197  LTK-755 197  LTK-754 197  LTK-755 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-765 196  LTK-765 196  LTK-765 199  LTK-765 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14CF       20         OF-C17FF       20         OF-C17FF       20         OF-C20CF       20         OF-C20FF       20         OF-C20FF       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C40F       20         OF-C30F	QF-9415-PT/PT 130 QMP-G1RN
LTK-474 10  LTK-483 10  LTK-486 8  LTK-487 9  LTK-488 99  LTK-520-39E 196  LTK-530-70E 196  LTK-538-70E 196  LTK-701 199  LTK-703 198  LTK-704 199  LTK-705 198  LTK-717 199  LTK-717 199  LTK-720 197  LTK-720 197  LTK-738 197  LTK-738 197  LTK-738 197  LTK-754 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-755 197  LTK-754 197  LTK-755 197  LTK-755 197  LTK-756 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764 199  LTK-764-70E 196  LTK-765 199	MT-116HS	OF-A12WF       22         OF-A14CF       22         OF-A14PF       22         OF-A17CF       22         OF-A20CF       22         OF-B12WF       19         OF-B14CF       19         OF-B14PF       19         OF-B17CF       19         OF-B20CF       19         OF-C12WF       20         OF-C14CF       20         OF-C14CF       20         OF-C17FF       20         OF-C17FF       20         OF-C20CF       20         OF-C20FF       20         OF-C20F       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C30F       20         OF-C40F       20         OF-C30F       20         OF-C40F       20         OF-C20F       20         OF-C20F       20         OF-C30F       20         OF-C30F       20         OF-C30F       20         OF-C30F	QF-9415-PT/PT 130 QMP-G1RN

<b>QP557</b> 53	<b>R5VT-32</b> 248	R8VF-S240	<b>SBS-16</b>
<b>QP593</b> 30 <b>OP598</b> 53	R5VT-37248	R8VF-S-EM240	<b>SBXLE</b> 148, 171 <b>SC4</b>
•	<b>R5VT-39</b> 234, 248	R8VT-01240	
<b>QP611</b> 70	<b>R5VT-41</b>	<b>R8VT-02</b> 240	<b>SC8</b>
<b>QP613</b> 71 <b>QP614</b> 40	<b>R5VT-42</b> 247	<b>R8VT-03</b> 240	SEC
<b>QP615</b> 45	<b>R6HF-213Q</b> 237 <b>R6HF-213Q-EM</b> 237	<b>R18</b> 208, 212	<b>SF-202</b>
<b>QP617</b> 41	<b>R6HF-218Q</b> 237	<b>R24</b> 208, 212	<b>SF-202</b>
<b>QP618</b> 34	<b>R6HF-218Q-EM</b> 237	<b>R36</b> 208, 212	<b>SF-211</b>
<b>QP619</b> 34		<b>R48</b> 208, 212	<b>SF-212</b>
<b>QP711</b> 64	<b>R6HF-226Q</b> 237	<b>R72</b> 208, 212	<b>SF-216</b>
	<b>R6HF-226Q-EM</b> 237 <b>R6HT-21</b> 237	<b>R96</b> 208, 212	<b>SF-219</b>
QP71752		R-400S-N-A 255, 256	SFC 171, 264, 272
<b>QP720</b> 36	<b>R6HT-22</b> 237	R-401S-R-A	
<b>QP721</b> 31	<b>R6HT-23</b> 237	R-402S-N-ICA 255, 256	<b>SFC-150E</b> 172
QP91266	<b>R6HT-24</b> 237	<b>R-420</b> 241, 255	<b>SI</b> 148, 171 <b>SJS</b> 148, 171
<b>QP913</b> 50	<b>R6VF-113Q</b> 235	<b>R-421</b> 241, 255	
<b>QP914</b> 62	<b>R6VF-113Q-EM</b> 235	<b>R-422</b> 241, 256	<b>SK05</b> 208, 212
<b>QP915</b> 62	<b>R6VF-126/32T</b> 235	<b>R-424</b> 256	<b>SK14</b>
<b>QP916</b> 61	<b>R6VF-126/32T-EM</b> 235	<b>R-430</b> 256	<b>SK145</b> 104
<b>QP918</b> 46, 58	<b>R6VI</b> 249, 251	<b>R-432</b> 255	<b>SK18</b>
<b>QP919</b> 59	<b>R6VI-B-ICA</b> 250, 252, 253	<b>R-435</b> 255	<b>SK24</b>
<b>QP921</b> 43	<b>R6VI-ICA</b> 239, 240, 249, 251	<b>R-440</b> 241, 256	<b>SK36</b>
QP92548	<b>R6VI-R-ICA</b> 250, 252	R-500-N-UA258	<b>SK48</b> 208, 212
QP93044	<b>R6VI-S-ICA</b> 249, 251	<b>R-501-R-UA</b> 258	<b>SL</b>
QP93144	<b>R6VI-S-R-ICA</b> 250, 252	<b>R-520</b> 242, 258	<b>SLB4</b> 147, 171
QP93244	<b>R6VM-P38E17-E70</b> 232	<b>R-521</b> 242, 258	<b>SLB8</b> 147, 171
<b>QP933</b> 59	R6VM-P38E17-E100232	<b>R-522</b> 242, 258	SLE
<b>QP934</b> 59	R6VM-P38E17-M70232	<b>R-532</b> 258	SRT-300M-12V 85, 92, 94, 278
<b>QP936</b> 60	<b>R6VM-P38E17-M70F</b> 232	<b>R-535</b> 258	<b>SRT-300M-24V</b> 85, 94, 278
<b>QP937</b> .36	R6VM-P38E17-M100232	<b>R-540</b> 242, 258	SRT-500M-12V 148, 172, 278
<b>QP940</b> 44	R6VM-P38E17-M100F232	<b>R-600D-N-A</b> 259	SRT-500M-24V 148, 172, 278
<b>QP946</b> 56	<b>R6VT-21</b> 235, 251	<b>R-601D-R-A</b> 260	SRT-600M2-12V 85, 94, 278
<b>QP948</b> 32	<b>R6VT-21MH</b> 232	<b>R-602D-N-ICA</b> 259	SRT-600M-12V. 85, 94, 172, 278
<b>QP950</b> 29	<b>R6VT-22</b> 235, 251	R-603D-R-ICA260	SRT-600M-24V 85, 94, 278
<b>QP952</b> 43	<b>R6VT-24</b> 251	<b>R-620</b> 259	<b>SRT-1000M-12V</b> 85, 94, 148,
<b>QP-G590-WT/PT</b> 130 <b>QP-G591-WT/PT</b> 130	<b>R6VT-26</b> 235, 249 <b>R6VT-27</b> 235, 251	<b>R-621</b> 259	172, 278 SRT-1000M-24V85, 94, 148,
QP-G592-AB/BZ130	<b>R6VT-29</b>	<b>R-622</b> 244, 259	172, 278
<b>Q-X18</b> 76	<b>R6VT-29MH</b> 232	<b>R-633</b>	<b>SST-60E</b> 148, 172
<b>Q-X24</b>	<b>R6VT-32</b> 236, 252	<b>R-636</b>	SST-150E
<b>Q-X36</b> 76	<b>R6VT-33</b> 236, 252	<b>R-640</b> 244, 260	<b>ST4</b> 147, 171, 274
<b>Q-X48</b> 76	<b>R6VT-34</b> 236, 250	<b>R-651</b> 244, 260	<b>ST8</b> 147, 171
•	<b>R6VT-35</b> 236, 250	<b>R-656</b>	,
R	<b>R6VT-41</b> .253	<b>R-657</b> 259	T
<b>R4VI</b> 246	<b>R6VT-42</b> .253	<b>R-658</b> 244, 259	<b>T3-3-12V</b> 150 <b>,</b> 172
<b>R4VI-B-ICA</b> 246	<b>R6VT-43</b> 253	<b>R-660S-N-A</b> 259	<b>T3-5-12V</b> 150, 172
<b>R4VI-R</b> 246	<b>R6VT-44</b> 253	<b>R-661S-R-A</b> 260	<b>T3-5-24V</b> 150, 172
<b>R4VT-21</b> 246	<b>R6VT-49</b> 249	<b>R-F403S-N-ICA</b> 241	<b>T3-7.5-24V</b> 150 <b>,</b> 172
<b>R4VT-22</b> 246	<b>R6VT-51</b> 249	<b>R-F404S-R-ICA</b> 241	<b>TBARCLIP</b> 171, 208, 212
<b>R4VT-23</b> 246	<b>R6VT-52</b> 235, 249	<b>R-F405S-N-A</b> 241	<b>TBKT</b>
<b>R4VT-24</b> 246	<b>R6VT-58</b> .235, 250	<b>R-F406S-R-A</b> 241	<b>THL-HI-1-1A</b> 214
<b>R4VT-25</b> 246	<b>R6VT-59</b> 235, 250	<b>R-F502-N-ICA</b> 242	<b>THL-HI-1-2A</b> 214
<b>R4VT-26</b> 246	<b>R6VT-60-S</b> 251	<b>R-F503-N-ICA</b> 242	THL-HI-1-5A214
<b>R5VF-113Q</b> 233	<b>R6VT-61-S</b> 249	<b>R-F504-N-A</b> 242	<b>THL-HI-1-7A</b> 214
<b>R5VF-126/32T</b> 233	<b>R6VT-62-S</b> 252	<b>R-F505-R-A</b> 242	<b>THL-HI-1-10A</b> 214
<b>R5VI</b> 247	<b>R6VT-63G-S</b> 236, 250	<b>R-F605D-N-ICA</b> 244	<b>THL-HI-2-1A</b> 214
<b>R5VI-ICA</b> 247	<b>R6VT-66-S</b> 252	R-F606D-R-ICA244	THL-HI-2-2A214
<b>R5VI-R-ICA</b> 248	<b>R8HF-D</b> 239	<b>R-F607D-N-A</b> 244	<b>THL-HI-2-5A</b> 214
<b>R5VI-S-ICA</b> 247	<b>R8HF-D-EM</b> 239	<b>R-F608D-R-A</b> 244	<b>THL-HI-2-7A</b> 214
<b>R5VI-S-R-ICA</b> 248	<b>R8HF-S</b> .239		<b>THL-HI-2-10A</b> 214
<b>R5VT-21</b>	<b>R8HF-S-EM</b> 240	<u>S</u>	THL-HLE-1A214
<b>R5VT-22</b> 233, 247	<b>R8HT-01</b> 239	<b>SADP</b> 24, 167	THL-HLE-2A214
<b>R5VT-23</b> 233, 247	<b>R8HT-02</b> .239	<b>SBH-101</b>	THL-HLE-5A214
<b>R5VT-24</b> 234, 247	<b>R8HT-03</b> 239	<b>SBH-102</b> 149, 169	THL-HLE-7A214
<b>R5VT-25</b>	<b>R8HT-04</b> 240	<b>SBH-105</b>	THL-HLE-10A214
<b>R5VT-28</b> 233, 248	<b>R8HT-05</b> 240	<b>SBH-110</b> 149, 169	THL-LEFT-1-1A214
<b>R5VT-29</b> 236, 248	<b>R8HT-06</b> 240	<b>SBH-210</b>	<b>THL-LEFT-1-2A</b> 214 <b>THL-LEFT-1-5A</b> 214
<b>R5VT-31</b> 248	<b>R8HT-07</b> 239	<b>SBS-11</b> 194, 274	INL-LEFT-1-34

THL-LEFT-1-7A214	TJL-RIGHT-2-2A214	<b>WS56-G520</b> 119
THL-LEFT-1-10A214	TJL-RIGHT-2-5A214	WS56-G521119
THL-LEFT-2-1A214	TJL-RIGHT-2-7A214	WS56-G524118
THL-LEFT-2-2A214	TJL-RIGHT-2-10A214	<b>WS56-G530</b> 117
THL-LEFT-2-5A214	TLL-LEFT-1-1A214	<b>WS56-G540</b> 117
THL-LEFT-2-7A214	TLL-LEFT-1-2A214	<b>WS56-G545</b> 118
THL-LEFT-2-10A214	TLL-LEFT-1-5A214	<b>WS56-G546</b> 118
THL-RIGHT-1-1A214	TLL-LEFT-1-7A214	<b>WS56-G557</b> 119
THL-RIGHT-1-2A214	TLL-LEFT-1-10A214	<b>WS61-G611</b> 121
THL-RIGHT-1-5A214	TLL-LEFT-2-1A214	<b>WS61-G613</b> 122
THL-RIGHT-1-7A214	TLL-LEFT-2-2A214	<b>WS61-G614</b> 120
THL-RIGHT-1-10A214	TLL-LEFT-2-5A214	<b>WS61-G615</b> 122
THL-RIGHT-2-1A214	TLL-LEFT-2-7A214	WS61-G617121
THL-RIGHT-2-2A214	TLL-LEFT-2-10A214	WS110-G100124
THL-RIGHT-2-5A214	TLL-LI-1-1A214	WS110-G101124
THL-RIGHT-2-7A214	TLL-LI-1-2A214	<b>WS110-G102</b> 124
THL-RIGHT-2-10A214	TLL-LI-1-5A214	WS110-G103124
TJL-J2I-2-1A214	TLL-LI-1-7A214	<b>WS120-G100</b> 124
TJL-J2I-2-2A214	TLL-LI-1-10A214	<b>WS120-G101</b> 124
TJL-J2I-2-5A214	TLL-LI-2-1A214	<b>WS120-G102</b> 124
TJL-J2I-2-7A214	TLL-LI-2-2A214	<b>WS120-G103</b> 124
<b>TJL-J2I-2-10A</b> 214	TLL-LI-2-5A214	<b>WS130-G100</b> 124
TJL-J2LE-2-1A214	TLL-LI-2-7A214	<b>WS130-G101</b> 124
TJL-J2LE-2-2A214	TLL-LI-2-10A214	<b>WS130-G102</b> 124
TJL-J2LE-2-5A214	TLL-LLE-1A214	<b>WS130-G103</b> 124
TJL-J2LE-2-7A214	TLL-LLE-2A	<b>WS230-G100</b> 124
<b>TJL-J2LE-2-10A</b> 214	TLL-LLE-5A	<b>WS230-G101</b> 124
<b>TJL-J2-LEFT-2-1A</b> 214	TLL-LLE-7A	<b>WS230-G102</b> 124
<b>TJL-J2-LEFT-2-2A</b> 214	TLL-LLE-10A214	<b>WS230-G103</b> 124
<b>TJL-J2-LEFT-2-5A</b> 214	<b>TLL-RIGHT-1-1A</b> 214	<b>WS-CFL32</b> 126
<b>TJL-J2-LEFT-2-7A</b> 214	TLL-RIGHT-1-2A214	<b>WS-INC60</b> 126
<b>TJL-J2-LEFT-2-10A</b> 214	TLL-RIGHT-1-5A214	<b>WS-K130-BN/WT</b> 133
TJL-J2-RIGHT-2-1A214	TLL-RIGHT-1-7A214	<b>WS-K130-CH/WT</b> 133
<b>TJL-J2-RIGHT-2-2A</b> 214	<b>TLL-RIGHT-1-10A</b> 214	<b>WS-K230-BN/WT</b> 134
TJL-J2-RIGHT-2-2A214 TJL-J2-RIGHT-2-5A214	<b>TLL-RIGHT-1-10A</b> 214 <b>TLL-RIGHT-2-1A</b> 214	
TJL-J2-RIGHT-2-2A214 TJL-J2-RIGHT-2-5A214 TJL-J2-RIGHT-2-7A214	<b>TLL-RIGHT-1-10A</b> 214 <b>TLL-RIGHT-2-1A</b> 214 <b>TLL-RIGHT-2-2A</b> 214	<b>WS-K230-BN/WT</b> 134 <b>WS-K230-CH/WT</b> 134
TJL-J2-RIGHT-2-2A214 TJL-J2-RIGHT-2-5A214 TJL-J2-RIGHT-2-7A214 TJL-J2-RIGHT-2-10A214	TLL-RIGHT-1-10A	WS-K230-BN/WT134 WS-K230-CH/WT134
TJL-J2-RIGHT-2-2A214 TJL-J2-RIGHT-2-5A214 TJL-J2-RIGHT-2-7A214 TJL-J2-RIGHT-2-10A214 TJL-JI-1-1A214	TLL-RIGHT-1-10A	WS-K230-BN/WT134 WS-K230-CH/WT134 X X6208, 212, 264
TJL-J2-RIGHT-2-2A214 TJL-J2-RIGHT-2-5A214 TJL-J2-RIGHT-2-7A214 TJL-J2-RIGHT-2-10A214 TJL-JI-1-1A214 TJL-JI-1-2A214	TLL-RIGHT-1-10A	WS-K230-BN/WT134 WS-K230-CH/WT134 X X6208, 212, 264 X12208, 212, 264
TJL-J2-RIGHT-2-2A	TLL-RIGHT-1-10A       214         TLL-RIGHT-2-1A       214         TLL-RIGHT-2-2A       214         TLL-RIGHT-2-5A       214         TLL-RIGHT-2-7A       214         TLL-RIGHT-2-10A       214	WS-K230-BN/WT134 WS-K230-CH/WT134 X X6208, 212, 264 X12208, 212, 264 X18208, 212, 264
TJL-J2-RIGHT-2-2A	TLL-RIGHT-1-10A	WS-K230-BN/WT134 WS-K230-CH/WT134 X X6208, 212, 264 X12208, 212, 264
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214	TLL-RIGHT-1-10A       214         TLL-RIGHT-2-1A       214         TLL-RIGHT-2-2A       214         TLL-RIGHT-2-5A       214         TLL-RIGHT-2-7A       214         TLL-RIGHT-2-10A       214	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214	TLL-RIGHT-1-10A 214 TLL-RIGHT-2-1A 214 TLL-RIGHT-2-2A 214 TLL-RIGHT-2-5A 214 TLL-RIGHT-2-7A 214 TLL-RIGHT-2-10A 214  W WS52-G512 119 WS52-G515 117 WS52-G518 118	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-2A 214 TJL-JI-2-5A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-2A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-2A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-7A 214 TJL-JI-2-10A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-10A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-10A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-10A 214 TJL-JI-2-10A 214 TJL-JLE-1A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-10A 214 TJL-JI-2-10A 214 TJL-JI-2-10A 214 TJL-JI-2-10A 214 TJL-JI-2-10A 214 TJL-JI-2-1A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-10A 214 TJL-JI-2-10A 214 TJL-JLE-1A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-5A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-1A 214	TLL-RIGHT-1-10A	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-5A 214 TJL-LEFT-1-5A 214	TLL-RIGHT-1-10A 214 TLL-RIGHT-2-1A 214 TLL-RIGHT-2-2A 214 TLL-RIGHT-2-5A 214 TLL-RIGHT-2-7A 214 TLL-RIGHT-2-10A 214  W WS52-G512 119 WS52-G515 117 WS52-G518 118 WS52-G520 119 WS52-G521 119 WS52-G521 119 WS52-G524 118 WS52-G530 117 WS52-G546 118 WS52-G546 118 WS52-G546 118 WS52-G557 119 WS53-G513 123 WS53-G513 123 WS54-G513 123 WS55-G512 119 WS55-G512 119	WS-K230-BN/WT
TJL-J2-RIGHT-2-2A. 214 TJL-J2-RIGHT-2-5A. 214 TJL-J2-RIGHT-2-7A. 214 TJL-J2-RIGHT-2-10A 214 TJL-JI-1-1A 214 TJL-JI-1-5A 214 TJL-JI-1-7A 214 TJL-JI-1-10A 214 TJL-JI-2-1A 214 TJL-JI-2-5A 214 TJL-JI-2-5A 214 TJL-JI-2-7A 214 TJL-JI-2-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-1A 214 TJL-LEFT-1-5A 214 TJL-LEFT-1-5A 214 TJL-LEFT-1-7A 214	TLL-RIGHT-1-10A 214 TLL-RIGHT-2-1A 214 TLL-RIGHT-2-2A 214 TLL-RIGHT-2-5A 214 TLL-RIGHT-2-7A 214 TLL-RIGHT-2-10A 214  W WS52-G512 119 WS52-G515 117 WS52-G518 118 WS52-G520 119 WS52-G521 119 WS52-G524 118 WS52-G524 118 WS52-G530 117 WS52-G546 118 WS52-G546 118 WS52-G546 118 WS52-G557 119 WS53-G513 123 WS54-G513 123 WS55-G515 117 WS55-G515 117 WS55-G515 117	WS-K230-BN/WT
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