



MasterColor CDM-TM

CDM20/TM/830 12PK

Introducing the smallest 20W ceramic metal halide lamp together with the unique e-Vision® electronic ballast. It's visually pleasing and financially rewarding, so the focus can be on your merchandise and not the ceiling clutter.

Product data

General Information		Color Rendering Index (Nom)	
Cap-Base	PGJ5 [PGJ5]		87
Bulb Shape	T13.3	Operating and Electrical	
Operating Position	Universal [Universal]	Power (Rated) (Nom)	22.0 W
Life To 5% Failures (Nom)	9000 h	Lamp Current Run-Up (Max)	.5 A
Life To 10% Failures (Nom)	10000 h	Re-Ignition Time (Min) (Max)	15 min
Life To 20% Failures (Nom)	11000 h	Ignition Time (Max)	30 s
Life To 50% Failures (Nom)	12000 h	Voltage (Max)	108 V
		Voltage (Min)	95 V
		Voltage (Nom)	100 V
Light Technical		Controls and Dimming	
Color Code	830 [CCT of 3000K]	Dimmable	No
Luminous Flux (Rated) (Nom)	1650 lm	Run-Up Time 90% (Max)	3 min
Color Designation	Warm White (WW)	Mechanical and Housing	
Lumen Maintenance 1000 h (Nom)	80 %	Bulb Finish	Clear (CL)
Lumen Maintenance 10000 h (Nom)	60 %	Approval and Application	
Lumen Maintenance 2000 h (Nom)	75 %	Energy Efficiency Label (EEL)	A
Lumen Maintenance 5000 h (Nom)	65 %	Mercury (Hg) Content (Nom)	2.4 mg
Chromaticity Coordinate X (Nom)	0.433	Energy Consumption kWh/1000 h	24 kWh
Chromaticity Coordinate Y (Nom)	0.392		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	75 lm/W		
Color Rendering Index (Min)	84		

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UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.5

Luminaire Design Requirements

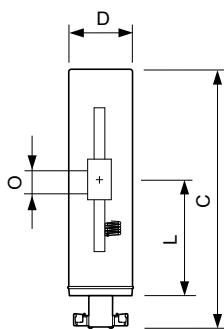
Bulb Temperature (Max)	380 °C
Cap-Base Temperature (Max)	250 °C

Product Data

Order product name	CDM20/TM/830 12PK
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EAN/UPC - Product	046677140403
Order code	140400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928087905115
Net Weight (Piece)	0.005 kg
ILCOS Code	MT/UB-20/830-H/L-PGJ5-13.3/52

Dimensional drawing



CDM-Tm 20W/830 PGJ5

Product	D	D	O	L	L	L	C
CDM20/TM/830 12PK	13.3 mm	0.44 in	3 mm	22.3 mm	22.9 mm	22.6 mm	52 mm

