AcuityControls™

nLight®

nLight®
Quick Reference Guide

Occupancy Sensors
Daylight Sensors
User Interfaces
Load Controllers
Backbone & Accessories

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nLight Quick Reference Guide

Introduction
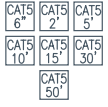
The nLight Quick Reference Guide brings you the best of nLight in a simple, easy-to-read chart, including CAD symbols, product descriptions and technical resources…all designed to make specifying nLight a breeze.

Occupancy Sensors

Product Image	Model Name	CAD Symbol	Description
	nCM 9 nCM 9 ADCX	nC9 nC9 −ADCX	Low Voltage Ceiling Mount Passive Infrared Sensor; Standard Range 360° Low Voltage Ceiling Mount Passive Infrared Sensor; Standard Range 360°; Automatic Dimming Control Photocell
	nCM PDT 9 nCM PDT 9 ADCX	nCP nCP −ADCX	Low Voltage Ceiling Mount Dual Technology Sensor; Standard Range 360° Low Voltage Ceiling Mount Dual Technology Sensor; Standard Range 360°; Automatic Dimming Control Photocell
	nCM 10 nCM 10 ADCX	nC10 nC10 −ADCX	Low Voltage Ceiling Mount Passive Infrared Sensor; Extended Range 360° Low Voltage Ceiling Mount Passive Infrared Sensor; Extended Range 360°; Automatic Dimming Control Photocell
	nCM PDT 10 nCM PDT 10 ADCX	nCP 10 nCP 10 −ADCX	Low Voltage Ceiling Mount Dual Technology Sensor; Extended Range 360° Low Voltage Ceiling Mount Dual Technology Sensor; Extended Range 360°; Automatic Dimming Control Photocell
	nCM 6	nCM −6	Low Voltage Ceiling Mount Passive Infrared Sensor; High Bay 360°
	nRM 9 nRM 9 ADCX	nR9 nRM 9 −ADCX	Low Voltage Recess Mount Passive Infrared Sensor; Standard Range 360° Low Voltage Recess Mount Passive Infrared Sensor; Standard Range 360°; Automatic Dimming Control Photocell
	nRM PDT 9 nRM PDT 9 ADCX	nRP nRP −ADCX	Low Voltage Recess Mount Dual Technology Sensor; Standard Range 360° Low Voltage Recess Mount Dual Technology Sensor; Standard Range 360°; Automatic Dimming Control Photocell
	nRM 10 nRM 10 ADCX	nRM 10 nRM 10 −ADCX	Low Voltage Recess Mount Passive Infrared Sensor; Extended Range 360° Low Voltage Recess Mount Passive Infrared Sensor; Extended Range 360°; Automatic Dimming Control Photocell
	nRM PDT 10 nRM PDT 10 ADCX	nRP 10 nRP 10 −ADCX	Low Voltage Recess Mount Passive Infrared Sensor; Extended Range 360° Low Voltage Recess Mount Passive Infrared Sensor; Extended Range 360°; Automatic Dimming Control Photocell
	nRM 6	nRM 6	Low Voltage Recess Mount Passive Infrared Sensor; High Bay 360°
	nWV 16	nWV	Low Voltage Corner Mount Passive Infrared Sensor; Wide View 120°
	nWV PDT 16	nWV PDT	Low Voltage Corner Mount Dual Technology Sensor; Wide View 120°

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Backbone & Accessories

Product Image	Model Name	CAD Symbol	Description
	nECY 24 (BAC) (SVS) (SVEA)	nECY 24v	nLight ECLYPSE™ Controller; 1500 Device Limit; 24VAC/DC; Optional - BACnet™ Capability (BAC), Visualization Software (SVS), and SiteView™ Energy (SVEA)
	nECY 120 (BAC) (SVS) (SVEA)	nECY	nLight ECLYPSE™ Controller; 1500 Device Limit; 120-240VAC; Optional - BACnet™ Capability (BAC), Visualization Software (SVS), and SiteView™ Energy (SVEA)
	nBRG 8 KIT	nB8 PS 150	Bridge; 8-Port; Power Supply Included
	nADR	n ADR	OpenADR Demand Response Device; 5 nECY Limit
	nADR L400	n ADR –L400	OpenADR Demand Response Device; 1-nECY Limit
	nIO 1S (KO)	nIO 1S –KO	Contact Closure Input Device; Optional Knock-Out Form Factor
	nIO D (KO)	nIOD KO nIOD	0-10V Dimming Control Device; Optional Knock-Out Form Factor
	nIO BT	nIO BT	Low Energy Communication Programming Module with Bluetooth® wireless technology
	nSHADE	nSH	Dry Contact Pulse On/Off Shade Controller; Momentary Open and Close Contacts
	nIO X KIT	nIOX –KIT	External Third Party RS-232 Input Device
	nAR40	nAR 40	Auxiliary Dry Contact Relay
	nPS 80	nPS 80	Bus Power Supply; 80mA
	CAT5 xyFT J1	CAT5 6" CAT5 2' CAT5 5' CAT5 10' CAT5 15' CAT5 30' CAT5 50'	Single Plenum Rated CAT-5e Cable (available lengths include: 6", 2', 5', 10', 15', 30', 50')

NOTE: xy indicates length

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Daylight Sensors

Product Image	Model Name	CAD Symbol	Description
	nCM PC	nPC	Low Voltage Ceiling Mount Sensor; On/Off Photocell
	nCM ADCX	nADC X	Low Voltage Ceiling Mount Sensor; Automatic Dimming Control Photocell
	nRM PC	nRM PC	Low Voltage Recess Mount Sensor; On/Off Photocell
	nRM ADCX	nRM—ADCX	Low Voltage Recess Mount Sensor; Automatic Dimming Control Photocell
	nIO PC KIT	nIO PC KIT	Outdoor On/Off Photocell Kit

User Interfaces

Product Image	Model Name	CAD Symbol	Description
	nPODM (2P) (4P) xx	n PODM—2P n PODM—4P	Wallpod; Single Channel On/Off; Optional 2-Pole (2P) and 4-Pole (4P)
	nPODM (2P) (4P) DX xx	n PODM—2P DX n PODM—4P DX	Wallpod; Single Channel On/Off/Dimming; Optional 2-Pole (2P) and 4-Pole (4P)
	nPODM 2S xx	n PODM 2S	Wallpod; 2-Scene Controller
	nPODM 2S DX xx	n PODM 2S—DX	Wallpod; 2-Scene Controller; On/Off/Dimming
	nPODM 4S xx	n PODM 4S	Wallpod; 4-Scene Controller
	nPODM 4S DX xx	n PODM—4S—DX	Wallpod; 4-Scene Controller; On/Off/Dimming
	nPOD GFX xx	nPOD GFX	Graphic Wallpod; 16-Scene Controller; 16 Channel On/Off/Dimming
	nWSX LV xx	n$X—LV	Low Voltage Passive Infrared Wall Switch Sensor
	nWSX PDT LV xx	n$ XD—LV	Low Voltage Dual Technology Wall Switch Sensor
	nWSX LV DX xx	n$X—LV—DX	Low Voltage Passive Infrared Wall Switch Sensor; Dimming
	nWSX PDT LV DX xx	n$ XD—LV—DX	Low Voltage Dual Technology Wall Switch Sensor; Dimming

NOTE: xx indicates color option – available in White (WH), Ivory (IV), Almond (AL), Black (BK), Gray (GY)

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Load Controllers

| Product Image	Model Name	CAD Symbol	Description
	nPP16	nP	Power/Relay Pack; 16 Amp
	nPP16 D	nP D	Power/Relay Pack; 16 Amp; 0-10V Dimming
	nPP16 DS	nP DS	Power/Relay Pack; 16 Amp; 0-10V Dimming via Side Slot
	nPP16 ER	nP ER	Power/Relay Pack; 16 Amp; Emergency Loads
	nPP16 D ER	nP D —ER	Power/Relay Pack; 16 Amp; 0-10V Dimming; Emergency Loads
	nPP16 DS ER	nP DS —ER	Power/Relay Pack; 16 Amp; 0-10V Dimming via Side Slot; Emergency Loads
	nPP20 PL	nP 20 —PL	Plug Load (Receptacle) Power Pack; 20 Amp
	nSP5 PCD 2W	nSP 5 PCD 2W	Secondary Pack; Forward Phase Control Dimming; 2-Wire
	nSP5 PCD 3W	nSP 5—D PCD 3W	Secondary Pack; Forward Phase Control Dimming; 3-Wire
	nSP5 PCD MLV	nSP 5 PCD MLV	Secondary Pack; Forward Phase Control Dimming; Magnetic Low Voltage
	nSP5 PCD ELV 120	nSP 5 PCD ELV	Secondary Pack; Reverse Phase Control Dimming; 120VAC; Electronic Low Voltage
	ARP INTENC08 NLT 8FCR MVOLT SC SM	ARP 8 —NLT	Relay Panel; 8 Field Configurable Relays; 120-277VAC; Screw Cover Surface Mount
	ARP INTENC16 NLT 16FCR MVOLT SC SM	ARP 16 —NLT	Relay Panel; 16 Field Configurable Relays; 120-277VAC; Screw Cover Surface Mount

Typical Interior Office

Bridge

nLight ECLYPSE™

CAT-5e Cable

Line Voltage Wires

Line Power Feed

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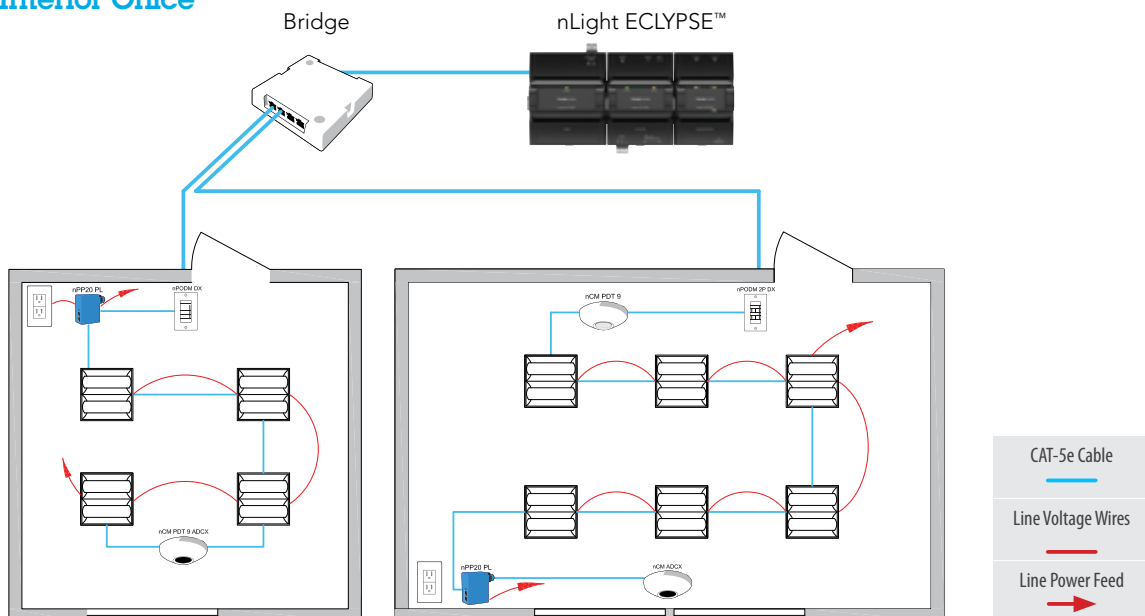
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Additional Resources

Application Typical Designs
www.acuitybrands.com/typicals

BIM Models
www.acuitybrands.com/bimmodels

Specification Sheets
www.acuitybrands.com/nlight

Energy Code Application Guides
www.acuitybrands.com/nlightresources

A+ Certified solutions from Acuity Brands help you quickly and confidently select and implement lighting systems that are both compatible and consistent.

For lighting applications, A+ means verified consistent performance, visual appearance and system interoperability of all luminaires and controls within the certified solutions. For lighting professionals it means confidence that all parts of the lighting system will work together and meet common Acuity Brands specifications.

Go to www.acuitybrands.com/solutions/a-certified or contact your local Acuity Brands representative for more information.

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