

The logo for AcuityControls, featuring a stylized red and black 'A' icon followed by the text 'AcuityControls' in a sans-serif font.The text 'nLight' in a blue sans-serif font, positioned on a blue diagonal banner.

nLight[®]

Quick Reference Guide

Occupancy Sensors

Daylight Sensors

User Interfaces

Load Controllers


























Backbone & Accessories

nLight Quick Reference Guide

Introduction




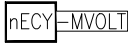



















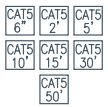
The nLight Quick Reference Guide brings you the best of nLight in a simple, easy-to-read chart, including CAD symbols, product descriptions and technical resources...all designed to make specifying nLight a breeze.

Occupancy Sensors

Product Image	Model Name	CAD Symbol	Description
	nCM 9 nCM 9 ADCX	 	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	 	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	 	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	 	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		Low Voltage Ceiling Mount Passive Infrared Sensor; High Bay 360°
	nRM 9 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	 	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	 	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	 	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		Low Voltage Recess Mount Passive Infrared Sensor; High Bay 360°
	nWV 16		Low Voltage Corner Mount Passive Infrared Sensor; Wide View 120°
	nWV PDT 16		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)		nLight ECLYPSE™ Controller, 750 Device Limit, 24VAC/DC, Optional - BACnet™ Capability (BAC), Visualization Software (SVS), SiteView™ Energy (SVEA), and enabled with Atrius™
	nECY MVOLT (BAC) (SVS)(SVEA) ENC		nLight ECLYPSE™ Controller; 750 Device Limit; 120-277VAC, 347VAC Optional; Optional - BACnet™ Capability (BAC), Visualization Software (SVS), and SiteView™ Energy (SVEA) ; Installed within NEMA1 enclosure; and enabled with Atrius™
	nBRG 8 KIT		Bridge; 8-Port; Power Supply Included
	nADR		OpenADR Demand Response Device; 5 nECY Limit
	nADR L400		OpenADR Demand Response Device; 1-nECY Limit
	nIO 1S (KO)		Contact Closure Input Device; Optional Knock-Out Form Factor
	nIO D (KO)		0-10V Dimming Control Device; Optional Knock-Out Form Factor
	nIO BT		Low Energy Communication Programming Module with Bluetooth® wireless technology
	nSHADE		Dry Contact Pulse On/Off Shade Controller; Momentary Open and Close Contacts
	nIO X KIT		External Third Party RS-232 Input Device
	nAR40		Auxiliary Dry Contact Relay
	nPS 80		Bus Power Supply; 80mA
	CAT5 xyFT J1		Single Plenum Rated CAT-5e Cable (available lengths include: 6", 2', 5', 10', 15', 30', 50')

























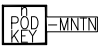
NOTE: xy indicates length

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Daylight Sensors

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

User Interfaces

Product Image	Model Name	CAD Symbol	Description
	nPODM (2P)(4P) xx	 	Wallpod; Single Channel On/Off; Optional 2-Pole (2P) and 4-Pole (4P)
	nPODM (2P)(4P) DX xx	 	Wallpod; Single Channel On/Off/Dimming; Optional 2-Pole (2P) and 4-Pole (4P)
	nPODM 2S xx		Wallpod; 2-Scene Controller
	nPODM 2S DX xx		Wallpod; 2-Scene Controller; On/Off/Dimming
	nPODM 4S xx		Wallpod; 4-Scene Controller
	nPODM 4S DX xx		Wallpod; 4-Scene Controller; On/Off/Dimming
	nPOD GFX xx		Graphic Wallpod; 16-Scene Controller; 16 Channel On/Off/Dimming
	nWSX LV xx		Low Voltage Passive Infrared Wall Switch Sensor
	nWSX PDT LV xx		Low Voltage Dual Technology Wall Switch Sensor
	nWSX LV DX xx		Low Voltage Passive Infrared Wall Switch Sensor; Dimming
	nWSX PDT LV DX xx		Low Voltage Dual Technology Wall Switch Sensor; Dimming
	nPOD KEY xz		Low Voltage Digital Key Switch; Return to Center Momentary
	nPOD KEY MNTN xz		Low Voltage Digital Key Switch; Maintain Position

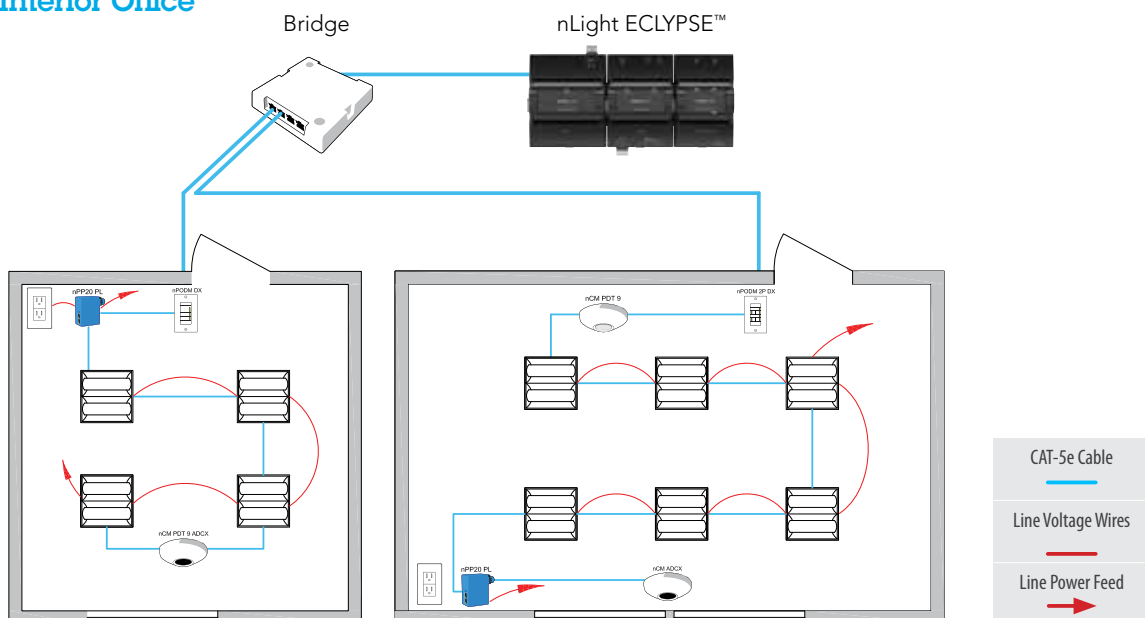
NOTE: xx indicates color option - available in White (WH), Ivory (IV), Almond (AL), Black (BK), Gray (GY)
 xz indicates color option - available in White (WH), Ivory (IV), Almond (AL), Stainless Steel (STS)

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Load Controllers

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

Typical Interior Office



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.

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