



nLiGHT ECLYPSE Controller For Smart Buildings User Guide

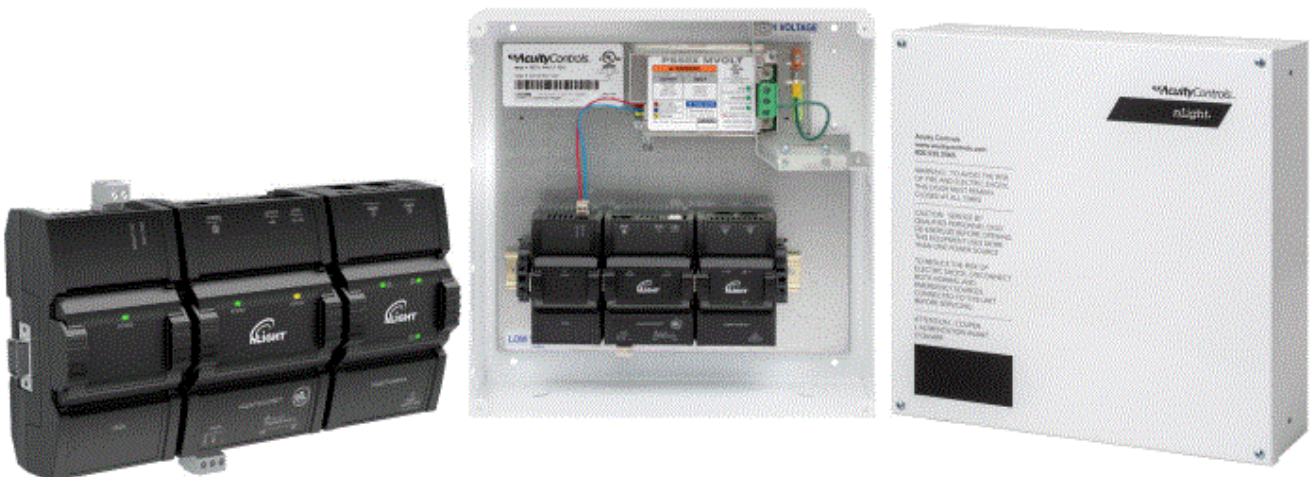
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nLiGHT ECLYPSE Controller For Smart Buildings



This document provides information on the replacement parts for the nLiGHT ECLYPSE (nECY) product. The nECY is available in different configurations based on the ordering information provided below:

Ordering Information

- **Series:** nECY nLight ECLYPSE
- **Voltage:** 24 VAC/DC1, MVOLT 120-277 VAC2, 347 VAC2
- **BACnet:** BACnet/ IP & MS/TP Enabled
- **AutoDR:** Open ADR VEN
- **Visualization Software:** Envysion3
- **SiteView Energy Metering:** SiteView Energy Application4
- **Enclosure Options:** NEMA Type 1 metal enclosure4
- **Accessories:** ENC NEMA 1 Enclosure and pre-mounted 120-277VAC input, 24VDC output (Max 50W) power supply, NLTAIR G2.6

Replacement Parts

1. NEMA 1 Surface Mount Screw Cover Enclosure

- a. 14.25×14.25×4.05 White Painted Enclosure – *260XJY, ENCNE1
- b. ENCNE1 and pre-mounted 120/277VAC input and 24VDC output (Max 50W) power supply – *262JHG, NECY ENC

2. MVOLT Power Supply (included with ENC option)

- a. 50Watt Power Supply – *260K9M, PS50X REPLACEMENT KIT
- b. 347-277V AUTO TRANSF 56VA XFR – *258EUL, NECY TRANSF 347

3. Terminal Block Connectors

- a. PS24 Terminal Block, 2 Terminals – *260Y0X, ECYREPLPS24TERM
- b. PS120 Terminal Block, 2 Terminals – *260Y2K, ECYREPL PS120TERM

4. DIN Rail Mounted Power Supplies (left module)

- a. PS24 24V Power Supply – *260XNU, ECYREPL PS24
- b. PS120 120VAC (100-240VAC) Power Supply – *260XNX, ECYREPL PS100240

5. Terminal Block Connectors

- a. Server RS-485 Connector, 3 Terminals – *260Y2R, ECYREPL SVRTERM

6. DIN Rail Mounted Control Server Module (center module)

- a. nLight ECLYPSE Server Module – *260XP4, NECYREPL SVR
- b. nLight ECLYPSE Server Module, BACnet Enabled – *260Y0C, NECYREPL SVR BAC
- c. nLight ECLYPSE Server Module, BACnet Enabled, ENVISION Licensed – *260Y0K, NECYREPL SVR ENVYBAC
- d. nLight ECLYPSE Server Module, BACnet Enabled, ENVYSION Licensed, SiteView Energy Application – *260Y0M, NECYREPL SVR ENVYBACSVEA

7. nECY Graphic Wallpod

- a. nLight Touch Screen for System Health and Profiles – *214NH4, NGWY2 GFX

8. DIN Rail Clips

- a. DIN Rail Clips for nECY – *260Y37, ECYREPL ENCDINRAIL

9. WiFi Adapter (USB Connection)

- a. Acuity Controls WiFi Adapter – *260Y0R, ECYREPL WIFIADP

NOTE: Eclipse License Upgrade Part Numbers are available but not pictured in the manual.

This document covers replacement parts for the nLight ECLYPSE (nECY) ordered under the following

nomenclature:

ORDERING INFORMATION

NECY						Example: NECY MVOLT BAC ENC	
Series	Voltage	BACnet	AutoDR	Visualization Software	SiteView Energy Metering	Enclosure	Options
nECY nLight ECLYPSE	24 V AC/DC1 MVOLT 120-277 VAC2 347 VAC2	[blank] Not Enabled BACnet/IP & MS/TP Enabled	[blank] Not Enabled Open ADR VEN	[blank] Not Enabled SVS Envysion3	[blank] Not Enabled SVEA Site View Energy Application4	[blank] Not enclosure ENC NEMA Type 1 metal enclosure4	[blank] None GFXK Touchscreen interface (model nGWY2 GFX, mounted separately), PS 150 power supply, CAT5 cable5 AIR Includes NECYD NLTAIR G2.6

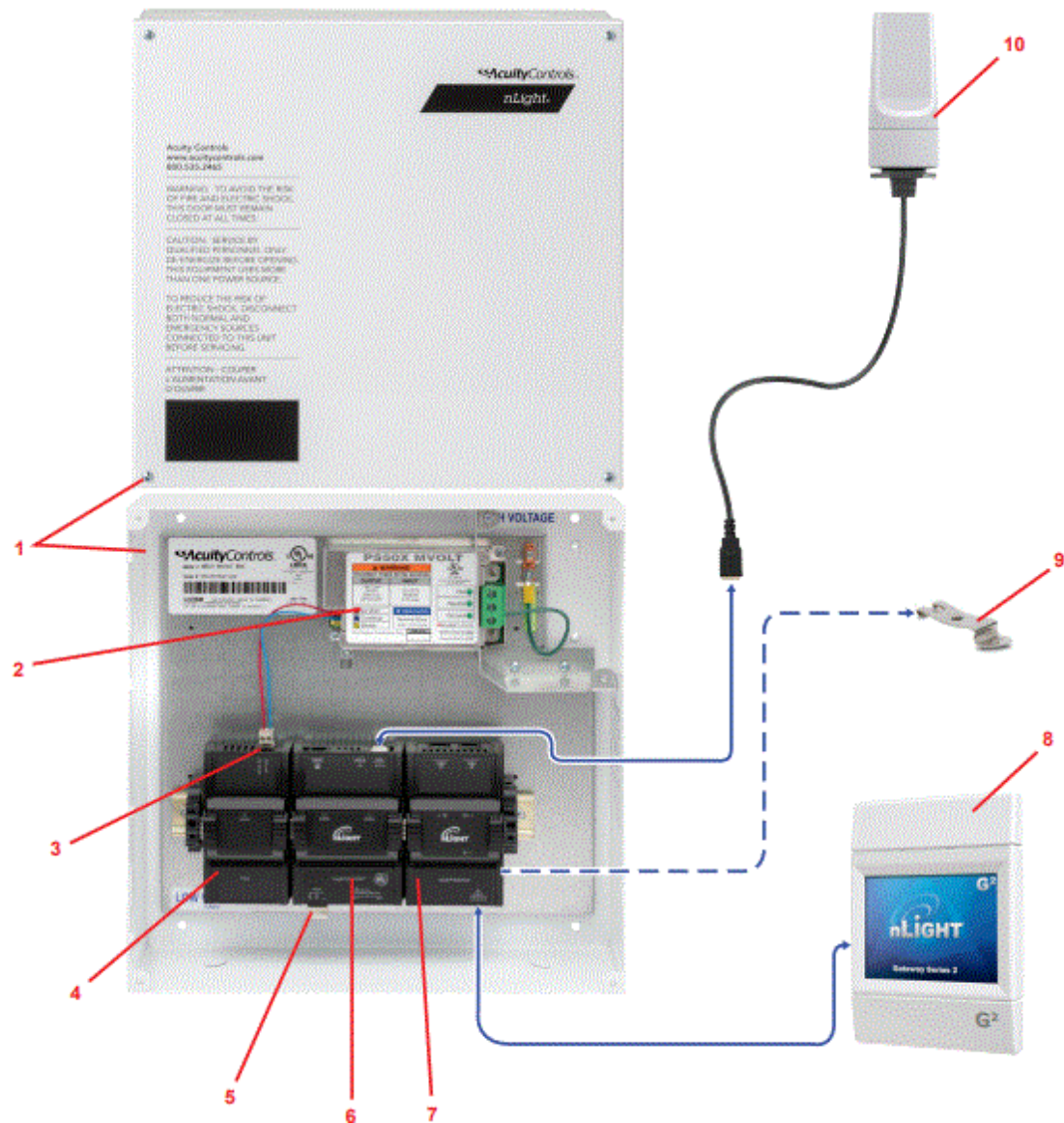
ACCESSORIES

nECY ENC NEMA 1 Enclosure and pre-mounted 120-277VAC input, 24VDC output (Max 50W) power supply	
nECYD NLTAIR G2 nLight AIR wireless adapter	

Notes

1. Not available with ENC or GFXK options. 24V supply by others.
2. Requires ENC option.
3. Requires BACnet option.
4. Requires SVS & BACnet option.
5. If 347 voltage option is selected, includes PS150 347.
6. AIR option supports 150 devices. Does not include nLight Interface module for wired device connections.
GFXK option is not available with AIR option.

Replacement parts



Replacement parts are numbered in the image above – individual part images are shown with corresponding numbers on the following pages.



1. NEMA 1 Surface Mount Screw Cover Enclosure

- a. 14.25"x14.25"x4.05" White Painted Enclosure – *260XJY, ENCNE1
- b. ENCNE1 and pre-mounted 120/277VAC input and 24VDC output (Max 50W) power supply – *262JHG, NECY ENC

2. MVOLT Power Supply (included with “ENC” option)

- a. 50Watt Power Supply – *260K9M, PS50X REPLACEMENT KIT
- b. 347-277V AUTO TRANSF 56VA XFR – *258EUL, NECY TRANSF 347



3. Terminal Block Connectors

- a. PS24 Terminal Block, 2 Terminals – *260Y0X, EGYREPL PS24TERM
- b. PS120 Terminal Block, 2 Terminals – *260Y2K, EGYREPL PS120TERM



4. DIN Rail Mounted Power Supplies (left module)

- a. "PS24" 24V Power Supply – *260XNU, ECYREPL PS24
- b. "PS120" 120VAC (100-240VAC) Power Supply – *260XNX, ECYREPL PS100240



5. Terminal Block Connectors

- a. Server RS-485 Connector, 3 Terminals – *260Y2R, ECYREPL SVRTERM



6. DIN Rail Mounted Control Server Module (center module)

- a. nLight ECLYPSE Server Module – *260XP4, NECYREPL SVR
- b. nLight ECLYPSE Server Module, BACnet Enabled – *260Y0C, NECYREPL SVR BAC
- c. nLight ECLYPSE Server Module, BACnet Enabled, ENVYSION Licensed – *260Y0K, NECYREPL SVR ENVYBAC
- d. nLight ECLYPSE Server Module, BACnet Enabled, ENVYSION Licensed, SiteView Energy Application – *260Y0M, NECYREPL SVR ENVYBACSVEA

7. DIN Rail Mounted nLight Interface Module (right module)

- a. nLight Interface Module – *262C1C, NECYREPL INTF

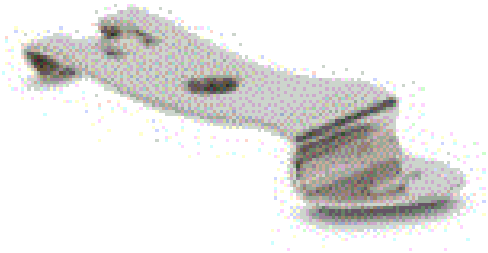


8. nECY Graphic Wallpod

1. a. nLight Touch Screen for System Health and Profiles – *214NH4, NGWY2GFX

NOTE

A PS150 power supply (not included with the NGWY2 GFX) is required for device power.



9. DIN Rail Clips

- a. DIN Rail Clips for nECY – *260Y37, EGYREPL ENCDINRAIL



10. WiFi Adapter (USB Connection)

- a. Acuity Controls WiFi Adapter – *260Y0R, EGYREPL WIFIADP

Eclipse License Upgrade Part Numbers

(Not pictured)

- AVAILABLE LICENSES** CI CODE
- NECYUPG ADR *246T24
- NECYUPG BAC *245ADA
- NECYUPG SVS *245ADB
- NECYUPG SVEA *245ADC

** After a license upgrade is ordered, please email the Licensing@AcuityBrands.com inbox with your MAC address and Host ID so that the upgrade can be provided.

CURRENT VERSION	DESIRED VERSION	ORDER LINE(S) TO ENTER
NECY	NECY ADR	NECYUPG ADR
	NECY BAC	NECYUPG BAC
	NECY BAC SVS	NECYUPG BAC, NECYUPG SVS
	NECY BAC SVS SVEA	NECYUPG BAC, NECYUPG SVS, NECYUPG SVE A
NECY ADR	NECY BAC ADR	NECYUPG BAC
	NECY BAC ADR SVS SVEA	NECYUPG BAC, NECYUPG SVS, NECYUPG SVE A

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Documents / Resources

 The nLight ECLYPSE™ Replacement Parts Guide provides a comprehensive list of replacement parts for the nLight ECLYPSE™ Controller For Smart Buildings. The guide includes a table of parts with their descriptions, part numbers, and quantities. It also includes a section for technical specifications and a section for contact information.	nLiHT ECLYPSE Controller For Smart Buildings [pdf] User Guide ECLYPSE Controller For Smart Buildings, ECLYPSE, Controller For Smart Buildings, Smart Buildings
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