



ELN

NEMA 12 27-140 Watt Emergency Light

DATE:

PROJECT

COMMENTS:



FEATURES

- Rated for NEMA 12 applications
- Designed for use in hazardous indoor applications
- Ideal for applications where there is dust, dirt, lint, fibers, dripping water, or condensation
- Sealed external momentary test switch and dual diagnostic LED indicator displays AC presence and Hi-Charge status
- Premium, fully automatic current limited, "Pulse Switching" charger provides ideal charge conditions for optimum battery performance and life
- External 4 hole mounting system ensures proper and secure installation with minimal cabinet intrusion
- Front access panel is hinged for trouble-free installation and ease of maintenance
- Two fully adjustable, top mounted Par 36 style lighting heads in high impact thermoplastic are supplied as standard. Additional lamp types and wattages available for lighting heads
- Capable of powering multiple remote heads
- UL listed 90 minute run-time
- Unique locking twist-collar securely holds the lens for quick and easy re-lamping
- Low voltage cut-off prevents battery damage and ensures positive charge acceptance following an extended discharge
- Self-Test / Self-Diagnostic monitoring available
- Maintenance free, sealed Lead Calcium battery or Nickel Cadmium battery
- Short circuit battery protection
- Brownout detection ensures emergency operation during periods of low line voltage
- Line-latch prevents unnecessary discharge of battery during installation. Loads will not illuminate until after application of utility power
- Key hole mounting slots and conduit knockouts are provided for additional mounting possibilities
- 120/277 VAC field-selectable inputs (with the exception of when the H1/H2 (Internal Heater) or T1/T2 (Time Delay) options are selected which both require voltage specification upon ordering)
- BAA Compliant

ORDERING INFORMATION *ELN-LC-6V27W-MB-2-BRH-B68*

1. SERIES	2. BATTERY TYPE	3. OPERATION	4. MOUNTING	5. HEAD COUNT
ELN	-	-	MB	-
LC Lead Calcium Backup Battery		6V27W 6 Volts, 27 Watts 6V36W 6 Volts, 36 Watts 6V60W 6 Volts, 60 Watts 6V72W 6 Volts, 72 Watts	6V100W 6 Volts, 100 Watts 6V120W 6 Volts, 120 Watts 12V36W 12 Volts, 36 Watts 12V60W 12 Volts, 60 Watts	12V72W 12 Volts, 72 Watts 12V120W 12 Volts, 120 Watts
NC Ni-Cad Backup Battery		6V22W 6 Volts, 22 Watts 6V42W 6 Volts, 42 Watts 6V54W 6 Volts, 54 Watts	6V90W 6 Volts, 90 Watts 12V42W 12 Volts, 42 Watts 12V90W 12 Volt, 90 Watt	12V130W 12 Volts, 130 Watts 24V100W 24 Volts, 100 Watts
6. HEAD STYLE	7. LAMPS	8. OPTIONS		
BRH BRH Lamp Heads HNS HNS Lamp Heads ¹ NRH NRH Lamp Heads	See Lamp Chart for Part # Example: LED 6V8W = "B68"	BLANK = NO OPTION SD Self-Diagnostics SR Self-Diagnostics + IR Remote Testing Receiver H1 Internal Heater - 120 VAC	H2 Internal Heater - 277 VAC AM Ammeter CS Cord Set FA Fire Alarm Interface	T1 Time Delay - 120 VAC T2 Time Delay - 277 VAC VM Voltmeter TP Tamperproof Screws

ORDERING NOTES

1. When Selecting the HNS heads, skip the lamp selection field

ACCESSORIES; ORDER SEPARATELY

- WG 6 = Wire guard 20.0" X 17.0" X 12.0"

CONSTRUCTION

- 20 gauge steel housing with full welded corners
- Durable gray powder-coat finish
- Fully gasketed to meet the requirements of NEMA 12 applications

TEMPERATURE RATING WITHOUT INTERNAL HEATER:

- From 50°F to 104°

TEMPERATURE RATING WITH INTERNAL HEATER:

- From -4°F to 104°F

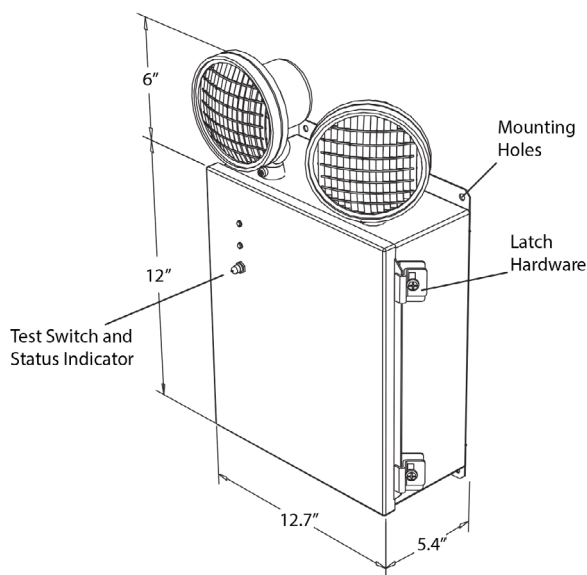
APPROVALS

- CSA-US listed
- Meets or exceeds UL924 standards
- NEMA 12
- NFPA 101 Life Safety Code
- NFPA 70-NEC
- OSHA
- BAA Compliant

WARRANTY

- Isolite offers a 3-year limited warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website. Lamps not warranted

DIMENSIONS



LAMP CHARTS

B - BI-PIN HALOGEN			
	6V	12V	24V
8W	B68	B128	
10W	B610		
12W	B612	B1212	B2412
20W	B620	B1220	B2420
35W		B1235	
55W		B1255	

M - MR16			
	6V	12V	24V
6W	M66		
10W	M610	M1210	
12W		M1212	M2412
20W		M1220	M2420
35W		M1235	M2435
50W		M1250	M2450

L - LED			
	6V	12V	24V
5W	L65	L122	L242
5W		L125	L245
7W	L67	L127	L247