



# HL

NEMA 4X 18-360 Watt Emergency Light

DATE:	COMMENTS:
PROJECT:	

## FEATURES



- Ideal for use in hostile areas where oil, water, and dust resistant equipment is required
- Suitable for NEMA 4, 4X, 12, and 13 applications
- Premium, fully AC limited, "Pulse Switching" charger provides ideal charge conditions for optimum battery performance and life
- Sealed external momentary test switch and dual diagnostic LED indicator display AC presence and Hi-Charge status
- 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 options
- 120/277 VAC field selectable inputs (with the exception of the H1/H2 (Internal Heater), and TD (Time Delay) options which require voltage specification upon ordering)<sup>1</sup>



## ORDERING INFORMATION *HL-LC-12V120W-MB-1-BRH-MT-H1212*

1. SERIES	2. BATTERY TYPE	3. OPERATION				4. MOUNTING
<b>HL</b>	-	-				<b>MB</b>
	<b>LC</b> Lead Calcium Battery Backup	<b>6V18W</b> 6 Volts, 18 Watts	<b>6V100W</b> 6 Volts, 100 Watts	<b>12V60W</b> 12 Volts, 60 Watts	<b>12V180W</b> 12 Volts, 180 Watts	<b>MB</b> Back Mount
		<b>6V27W</b> 6 Volts, 27 Watts	<b>6V120W</b> 6 Volts, 120 Watts	<b>12V72W</b> 12 Volts, 72 Watts	<b>12V360W</b> 12 Volts, 360 Watts	
		<b>6V36W</b> 6 Volts, 36 Watts	<b>6V200W</b> 6 Volts, 200 Watts	<b>12V120W</b> 12 Volts, 120 Watts	<b>24V280W</b> 24 Volts, 280 Watts	
		<b>6V60W</b> 6 Volts, 60 Watts	<b>12V27W</b> 12 Volts, 27 Watts	<b>12V140W</b> 12 Volts, 140 Watts	<b>24V280W</b> 24 Volts, 360 Watts	
		<b>6V72W</b> 6 Volts, 72 Watts	<b>12V36W</b> 12 Volts, 36 Watts	<b>12V160W</b> 12 Volts, 160 Watts		
	<b>NC</b> Ni-Cad Battery Backup	<b>6V22W</b> 6 Volts, 22 Watts	<b>6V90W</b> 6 Volts, 90 Watts	<b>12V130W</b> 12 Volts, 130 Watts	<b>24V200W</b> 24 Volts, 200 Watts	
		<b>6V42W</b> 6 Volts, 42 Watts	<b>12V42W</b> 12 Volts, 42 Watts	<b>12V200W</b> 12 Volts, 200 Watts		
		<b>6V54W</b> 6 Volts, 54 Watts	<b>12V90W</b> 12 Volt, 90 Watt	<b>24V100W</b> 24 Volts, 100 Watts		
5. HEAD COUNT	6. HEAD STYLE		7. HEAD LOCATION		8. LAMP SOURCE	
<b>0</b> No Heads	<b>BRH</b> BRH Lamp Heads	<b>HNS</b> HNS Lamp Heads	<b>MT</b>		See Lamp Chart for Part # Example: Halogen Single Head 12V 12W = "H1212"	
<b>1</b> One Head	<b>HNR</b> HNR Lamp Heads	<b>NRH</b> NRH Lamp Heads	<b>MT</b> Top Mount			
<b>2</b> Two Heads						

## 9. OPTIONS

**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

- LF** Food Prep Lens
- T1** Time Delay - 120 VAC
- T2** Time Delay - 277 VAC
- VM** Voltmeter

- Accessories found on back of spec sheet

**ACCESSORIES; ORDER SEPARATELY**

- WG 6 = Wire guard 20.0" X 17.0" X 12.0"
- WG 7 = Wire guard 28.0" X 21.0" X 10.0"

**CONSTRUCTION**

- Fully gasketed NEMA 4X rated fiberglass housing
- Durable gray powder-coat finish

**TEMPERATURE RATING**

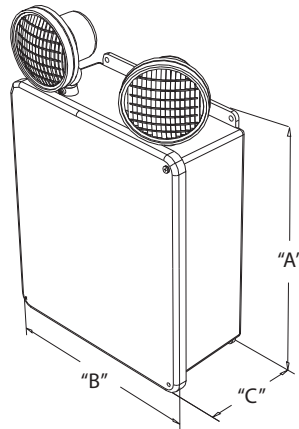
- Without Internal Heater: From 50°F to 104°F
- With Internal Heater: From -4°F to 104°F

**APPROVALS**

- NEMA 4X
- IP66
- CSA-US listed
- Meets or exceeds UL924 standards
- NFPA 101 Life Safety Code
- NFPA 70-NEC
- OSHA

**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**


DIMENSION CHART			
CABINET	A	B	C
B	11.44"	9.25"	5.44"
C	13.44"	11.25"	5.44"
D	15.5"	13.38"	6.25"
E	17.5"	15.38"	6.25"

**NOTE**

Please see corresponding cabinet letters next to battery size on right.

**LAMP CHARTS**

B - BI-PIN HALOGEN			
	6V	12V	24V
8W	B68	B128	
10W	B610		B2410
12W	B612	B1212	B2412
20W	B620	B1220	B2420
35W		B1235	
50W			B2450
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
2W		L122	
5W	L65	L125	L245
7W	L67	L127	L247