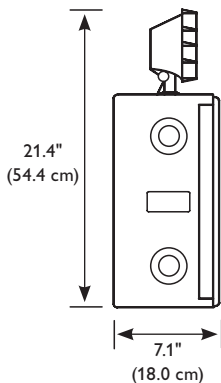
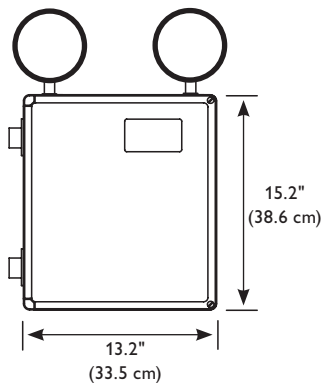


# HE Series

## CLASS I DIVISION 2 EMERGENCY LIGHTING

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### HE125L2HH8SD2



#### Features

**Illumination:** Illumination is accomplished with lamp heads mounted on the top of the unit. The Class I, Div. 2 rated "H" Series lamp head is available in a variety of wattages, and is constructed of gray polycarbonate to match the housing.

**Housing:** Constructed of impact-resistant, fiberglass-reinforced polyester. Housing color is gray and includes stainless steel hardware. The HE Series is UL listed for Class I, Division 2, Groups A, B, C & D; Class I, Zone 2, Groups IIA, IIB (+ H<sub>2</sub>) & IIC; and Class II, Division 2, Groups F & G. View-through window allows easy monitoring of the optional voltmeter and ammeter. Available with Class I, Div. 2 rated polycarbonate sealed beam Par 36 tungsten or halogen lamp heads.

#### Operating Temperature

**Range:** Standard location 65°F (19°C) to 85°F (30°C)

#### Electrical Specifications:

Lead Calcium

6 VDC 25 & 50 W:

0.18 A (120), 0.08 A (277)

12 VDC 25, 50, 100 & 125 W:

0.40 A (120), 0.18 A (277)

NiCad

6 & 12 VDC 25 W:

0.088 A (120), 0.042 A (277)

6 VDC 50 & 75 W, 12 VDC

50 W:

0.19 A (120), 0.084 A (277)

12 VDC 75 & 100 W:

0.29 A (120), 0.14 A (277)

12 VDC 125 & 150 W:

0.39 A (120), 0.18 A (277)

#### Diagnostic Electronics

**(standard):** 120/277 VAC dual voltage input with surge protection is standard on all models. Charging system is microprocessor driven with software embedded diagnostic routine and precision temperature compensation. Surge protection, brownout, AC lockout, and low voltage disconnect features are standard.

#### Self-Testing Diagnostics

**(optional):** The diagnostic/charging platform with self-testing mode automatically runs a one-minute self-test every 30 days and a 30-minute test on the sixth and twelfth month. A one-minute or 90-minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.

#### Code Compliance

UL 924 and 844 listed. NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Temperature Rating (T-Rating) 160° (T3C). Class I, Zone 2 T-Rating 200° (T3).

#### Warranty

Three year full electronics warranty. One year full plus four year prorated lead calcium battery warranty. Five year full plus five year prorated nickel cadmium battery warranty.

#### Job Information Type:

Job Name:

Cat. No.:

Notes:

**PHILIPS**  
**LIGHTOLIER**

# HE Series

## CLASS I DIVISION 2 EMERGENCY LIGHTING

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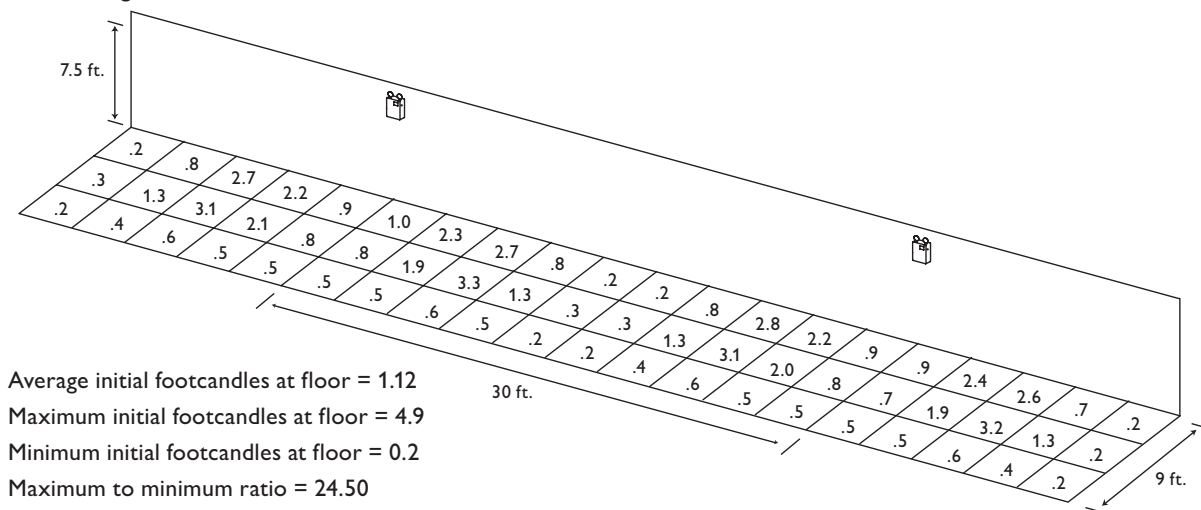
### Ordering Information

Series	Battery/DC Voltage	# of Heads	Lamp Heads	Model Designator <sup>1</sup>	Factory Installed Options <sup>1</sup>
<b>HE1</b> = 6 VDC Class I Div. 2 Emergency Lighting Unit	6 V Lead Calcium <b>25L</b> = 25 Watt Unit <b>50L</b> = 50 Watt Unit	<b>Blank</b> = No Lamp Heads <b>1</b> = One Lamp Head <b>2</b> = Two Lamp Heads <b>3</b> = Three Lamp Heads	6 V Tungsten <b>HT8</b> = 8 Watts <b>HT12</b> = 12 Watts <b>HT18</b> = 18 Watts <b>HT25</b> = 25 Watts	<b>SD2</b> = Diagnostic Electronics	<b>A</b> = Ammeter <b>EX</b> = Special Input Transformer (specify voltage & frequency) <b>T</b> = Self-Testing Diagnostics <b>TA</b> = Audible Self-Testing Diagnostics <b>TD</b> = Time Delay (15 minutes) <b>V</b> = Voltmeter
<b>HE2</b> = 12 VDC Class I Div. 2 Emergency Lighting Unit	6 V Nickel Calcium <b>25N</b> = 25 Watt Unit <b>50N</b> = 50 Watt Unit <b>75N</b> = 75 Watt Unit		6 V Halogen <b>HH8</b> = 8 Watts <b>HH12</b> = 12 Watts		
	12 V Lead Calcium <b>25L</b> = 25 Watt Unit <b>50L</b> = 50 Watt Unit <b>100L</b> = 100 Watt Unit <b>125L</b> = 125 Watt Unit		12 V Tungsten <b>HT12</b> = 12 Watts <b>HT18</b> = 18 Watts <b>HT25</b> = 25 Watts		<b>Accessories (order as a separate item)</b> <b>SDREMOTE</b> = Infrared Remote Test Device <b>WG</b> = Wire Guard
	12 V Nickel Calcium <b>25N</b> = 25 Watt Unit <b>50N</b> = 50 Watt Unit <b>75N</b> = 75 Watt Unit <b>100N</b> = 100 Watt Unit <b>125N</b> = 125 Watt Unit <b>150N</b> = 150 Watt Unit		12 V Halogen <b>HH8</b> = 8 Watts <b>HH12</b> = 12 Watts		<b>Note</b> 1) Some option combinations may impact UL listing. Consult factory for specifications.

### Optics

Wall Mounted 7.5' AFF, 12 V 12 W Halogen Lamp Heads Represented

1 FC Average



\* The optics layout shown is intended to be used as reference only. Standard reflectances used were 80/50/20. Lightolier is not responsible for site specific conditions that may alter the results.



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HE Series August 4, 2011

Specifications are subject to change without notice.  
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Job Information Type: