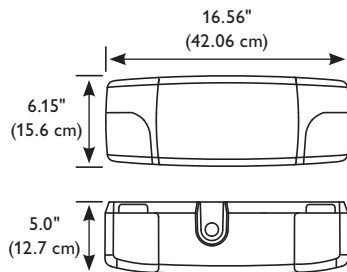


# EN Series

## 6 OR 12 V, 12 TO 72 W COMMERCIAL LIGHTING

Page 1 of 2

### EN125LH12WSD2



#### Features

**Illumination:** Illumination is provided by high-performance lamps: MR16 LED, MR16 or bi-pin halogen. Each lamp reflector system can be adjusted 180° vertically and 90° horizontally. A high-impact polycarbonate diffuser controls sight-line glare and maximizes reflector efficiency.

**Housing:** Constructed of impact resistant and UV stabilized, UL 94 V-0, 5 VA thermoplastic. The one-piece housing is provided with a universal knockout pattern for easy installation to standard junction boxes. Keyhole slot knockouts are provided for additional mechanical support to wall surfaces. A modular quick-connect plug-in wiring harness will allow line voltage connections in either the junction box or the product housing. An optional mounting plate and strapping kit (SUMK) may be used to mount the product to columns, poles and l-beams.

#### Operating Temperature

**Range:** Standard Location  
65°F (19°C) to 85°F (30°C)  
Damp Location  
32°F (0°C) to 104°F (40°C)

#### Diagnostic Electronics

**(standard):** 120/277 VAC dual voltage input with surge protection is standard on all models. Charging system is microprocessor driven with osftware 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.

#### Electrical Specifications:

6 VDC Models:

0.139 A (120 VAC)

0.060 A (277 VAC)

12 VDC Models:

0.288 A (120 VAC)

0.125 A (277 VAC)

#### Code Compliance

UL 924 and optional UL damp location listed. NFPA 101, NEC, BOCA, OSHA and IBC illumination standards.

#### 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**

# EN Series

## 6 OR 12 V, 12 TO 72 W COMMERCIAL LIGHTING

Page 2 of 2

### Ordering Information

EN					SD2	
Series	Voltage	Battery/Type	Lamp Heads	Housing Color	Model Designator	Factory Installed Options <sup>2</sup>
<b>EN</b> = Thermoplastic Emergency Unit	<b>1</b> = 6 V <b>2</b> = 12 V <sup>1</sup>	Lead Calcium <b>12L</b> = 12 Watt Unit <sup>5</sup> <b>18L</b> = 18 Watt Unit <sup>5</sup> <b>25L</b> = 25 Watt Unit <sup>5</sup> <b>36L</b> = 36 Watt Unit <b>50L</b> = 50 Watt Unit <b>72L</b> = 72 Watt Unit  Nickel Calcium <b>25N</b> = 25 Watt Unit <b>50N</b> = 50 Watt Unit	<b>6 V</b> <b>H6</b> = 6 Watt Halogen <b>H7</b> = 7 Watt Halogen <b>H10</b> = 10 Watt Halogen <b>H12</b> = 12 Watt Halogen  <b>12 V</b> <b>T12</b> = 12 Watt Halogen <b>H12</b> = 12 Watt MR16 Flood <b>H20F</b> = 20 Watt MR16 Flood <b>H20S</b> = 20 Watt MR16 Spot <b>M7F</b> = 7 Watt LED MR16 Flood*	<b>W</b> = White <b>B</b> = Black	<b>SD2</b> = Diagnostic Electronics  * Lamp included per UL acceptance. UL testing restricts using any substitutes for this lamp option.	<b>A</b> = Ammeter <b>ACF</b> = 120/277 VAC Input Fuse <b>ACP</b> = 120/277 VAC Power Switch <b>DCP</b> = DC Battery Disconnect Switch <b>DL</b> = Damp Location Listing <sup>4</sup> <b>EX</b> = Special Input Transformer (specify voltage & frequency) <sup>2</sup> <b>T</b> = Self-Testing Diagnostics (non-audible) <b>TA</b> = Audible Self-Testing Diagnostics <b>TD</b> = Time Delay <sup>3</sup> <b>TP</b> = Torx Tamperproof Hardware, Includes Bit <b>V</b> = Voltmeter

### Accessories (order as a separate item)

**SDREMOTE** = Infrared Remote Test Device  
**PCS1** = Polycarbonate Vandal Shield  
**SUMK** = Universal Mounting Kit for Columns, Poles and I-beams  
**T15TPTOOL** = Tamperproof Driver and Bit  
**WG5** = Wire Guard

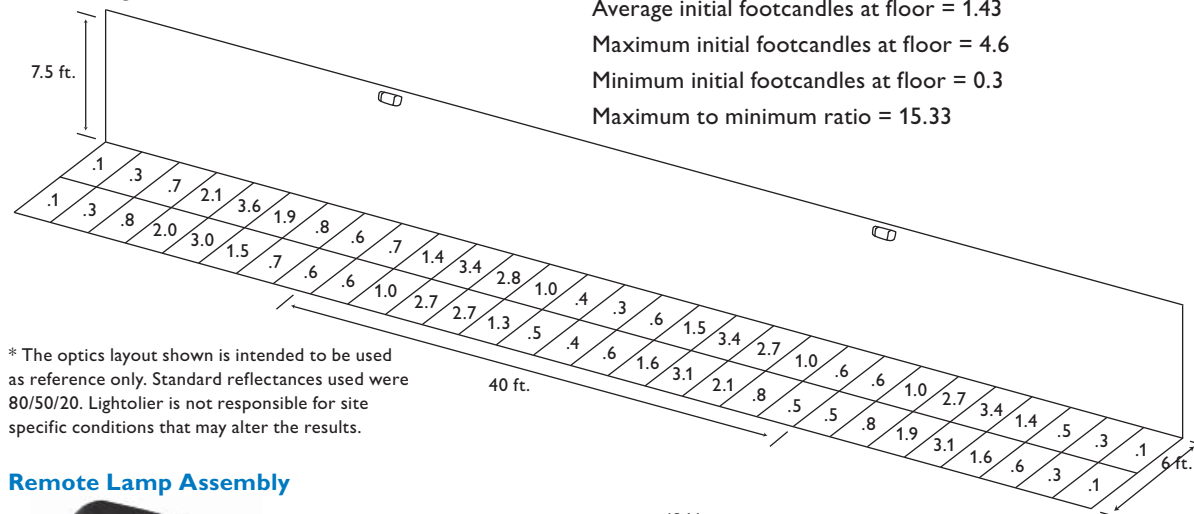
### Note

1) 12 VDC models only available in 36, 50 and 72 W lead calcium, 25 and 50 W nickel cadmium.  
 2) Some option combinations may impact UL listing. Consult factory for specifics. 3) 15 minute delay. 4) 72 W units not available with DL option. 5) 12, 18 and 25 W lead units not available in 12 V models.

### Optics

Wall mounted 7.5' AFF, 6' Corridor, Model EN125LH12WSD2 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.

### Remote Lamp Assembly



**6 V**  
**ENRH6W** = 6 V, 6 W, Halogen Bi-Pin  
**ENRH7W** = 6 V, 7 W, Halogen Bi-Pin  
**ENRH10W** = 6 V, 10 W, Halogen Bi-Pin  
**ENRH12W** = 6 V, 12 W, Halogen Bi-Pin

**12 V**  
**ENR2T12W** = 12 V, 12 W, Halogen Bi-Pin  
**ENR2H12W** = 12 V, 12 W, Halogen MR16 Flood  
**ENR2H20FW** = 12 V, 20 W, Halogen MR16 Flood  
**ENR2H12SW** = 12 V, 20 W, Halogen MR16 Spot  
**ENR2M7FW** = 12 V, 7 W, LED MR16 Flood

10.21"(W) x 4.28" (H) x 4.76" (D)

For black backplate & lamp heads, replace the 'W' with a 'B'. Example = ENRH6B



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EN Series July 26, 2012

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