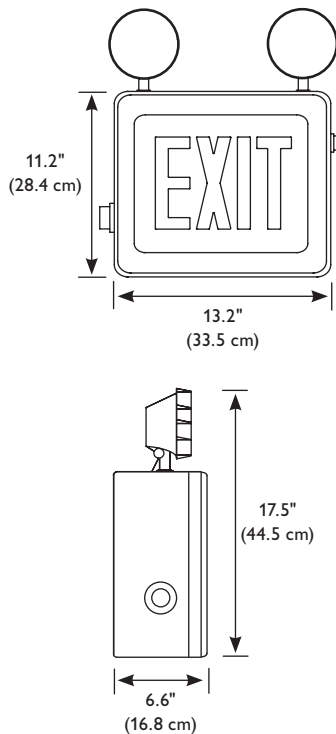


## Hazardous Location Combination LED Exit Sign

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### HX636R2HT18SD2



### Features

**Illumination:** Illumination of the exit stencil face is accomplished with long lasting, high output LEDs, producing an average illumination level in excess of 25 ft (85.7 cd/m<sup>2</sup>) at the end of the 90 minute emergency run time. A variety of optional lamp heads provide design flexibility for egress lighting.

**Housing:** Constructed of impact-resistant, fiberglass-reinforced polyester. Housing color is gray with corrosion-resistant hardware and clear polycarbonate cover. The HX 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. The housing includes a one-piece formed gasket and corrosion-resistant hardware. Standard internal or external mounting feet provides installation flexibility.

### Operating Temperature

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

### 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 temperature compensation. 120/277 VAC input, 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 V 18 W Red or Green:  
120 VAC, 0.133 A, PF 0.80  
277 VAC, 0.058 A, PF 0.80  
6 V 36 W Red or Green:  
120 VAC, 0.122 A, PF 0.70  
277 VAC, 0.053 A, PF 0.70  
6 V 72 W Red or Green:  
120 VAC, 0.129 A, PF 0.80  
277 VAC, 0.056 A, PF 0.80

### 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). IEC 61951-1 Life Testing (batteries).

### Warranty

Five year full electronics warranty. One year full plus four year prorated battery warranty.

### Job Information Type:

Job Name:

Cat. No.:

Notes:

**PHILIPS**  
**LIGHTOLIER**

## Hazardous Location Combination LED Exit Sign

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### Ordering Information

<b>HX</b>	<b>6</b>					<b>SD2</b>	
Series	System Voltage	Battery/Wattage <sup>3</sup>	Letter Color	# of Heads	Lamp Heads	Model Designator <sup>1</sup>	Factory Installed Options <sup>2</sup>
<b>HX</b> = Hazardous Location Combination Exit	<b>6</b> = 6 VDC	Lead Calcium <b>18</b> = 18 Watt Unit <b>36</b> = 36 Watt Unit <b>72</b> = 72 Watt Unit	<b>R</b> = Red <b>G</b> = Green	<b>Blank</b> = No Lamp Heads <b>1</b> = One Lamp Head <b>2</b> = Two Lamp Heads	Tungsten <b>HT8</b> = 8 Watts <b>HT18</b> = 18 Watts <b>HT25</b> = 25 Watts  Halogen <b>HH6</b> = 6 Watts <b>HH8</b> = 8 Watts <b>HH12</b> = 12 Watts	<b>SD2</b> = Diagnostic Electronics	<b>BF</b> = Buzzer/Flasher <b>BZ</b> = Buzzer <b>EX</b> = Special Input Transformer (specify voltage & frequency) <b>FL</b> = Flasher (self-powered models only) <b>S</b> = Shatterproof Lamp Head Lens <b>T</b> = Self-Testing Diagnostics (non-audible) <b>TA</b> = Audible Self-Testing Diagnostics <b>TD</b> = Time Delay

#### Accessories (order as a separate item)

**SDREMOTE** = Infrared Remote Test Device

**WG5** = Wire Guard

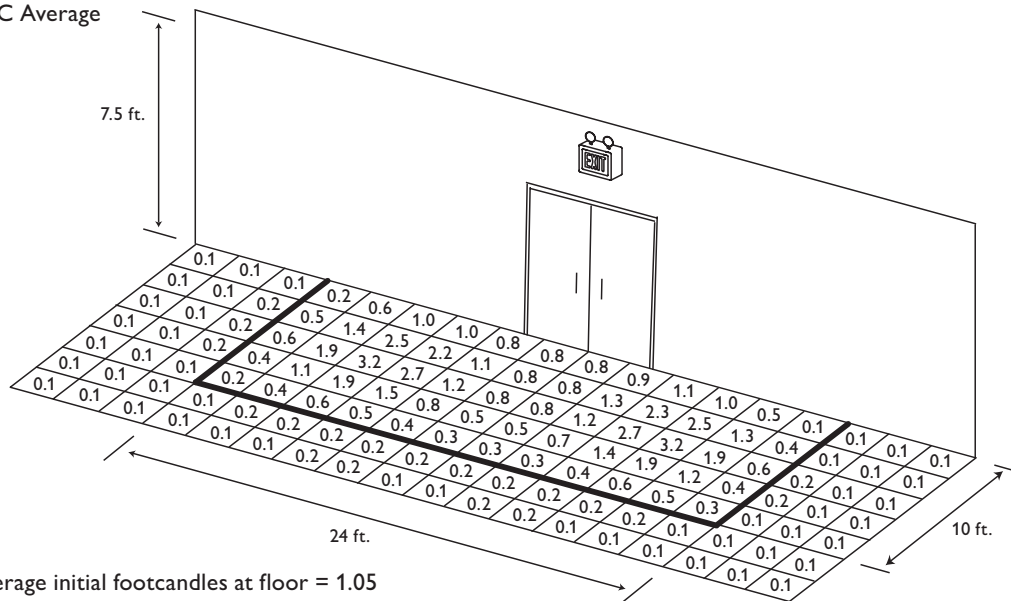
#### Note

- 1) For self-testing models refer to options.
- 2) Some option combinations may impact UL listing. Consult factory for specifics.
- 3) Battery capacity to support local/remote load.

### Optics

Wall mounted 7.5' AFF, 'IH' 6 Volt 12 Watt Halogen Lamps Represented

1 FC Average



Average initial footcandles at floor = 1.05

Maximum initial footcandles at floor = 3.3

Minimum initial footcandles at floor = 0.1

Maximum to minimum ratio = 33.00

\* 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.



Philips Lightolier  
e: [lol.webmaster@philips.com](mailto:lol.webmaster@philips.com)  
t: (508) 679-8131  
w: [www.lightolier.com](http://www.lightolier.com)

HX Series - Combo May 22, 2012

Specifications are subject to change without notice.

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Job Information Type: