



# Lux-Ray Series

Project/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_

## Features

- Low profile, slim lines – measures only 6.6" x 9.5"
- Fully gasketed housing, rugged die-cast body and UV-resistant lens
- Fast and easy installation
- Easy to replace Xenon lamps
- Also available as a remote fixture; see Remote Fixtures section of this catalogue



## Wire Guards

460.0082-E	Wall Mount
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## Photometric Performance

Lamp Wattage	Mounting height	Center-to-Center	
		3' Wide Path	6' Wide Path
2 X 6W	7.5'	B=28'	B=19'
	8.5'	B=25'	B=18'
2 X 10W	7.5'	B=30'	B=28'
	8.5'	B=34'	B=30'

## Typical Specification

Supply and install the Emergi-Lite **Lux-Ray Series** battery unit. The battery unit shall come complete with two lamps.

The wall mount unit shall be made of a gasketed die-cast aluminium housing, UV and impact resistant polycarbonate lens which house a resilient vacuum-plated die-cast reflector and two high-output Xenon lamps.

The unit shall be rated 120/347VAC, 60Hz dual input voltage. The battery charger shall include low voltage disconnect to prevent deep discharge, battery lockout to prevent battery drain prior to energizing the utility power, brownout protection which will automatically switch unit into emergency mode if the utility power falls below 80% of nominal and battery reverse polarity protection. The unit shall provide the nominal load during at least 30 minutes up to 87.5% of the nominal voltage of the battery.

Models with **Lead-Calcium** batteries shall be equipped with a pulse type charging circuitry that will secure a long battery and excellent performance. This current limiting circuitry will minimize energy consumption and shall be factory set with a charging voltage tolerance of  $\pm 1\%$  to enable a longer battery life. Red LED shall indicate AC power.

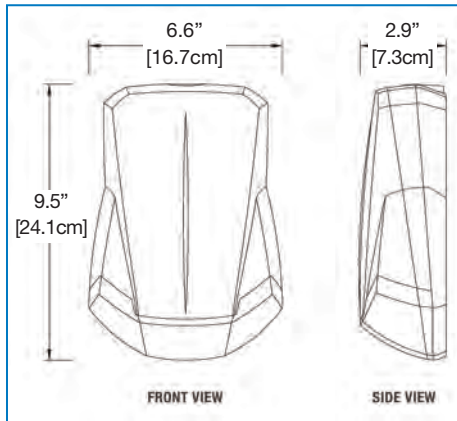
Models with **Nickel Metal Hydride** batteries shall be equipped with the non-audible version of the auto diagnostic that will monitor and indicate any of the following failures. The pilot light shall be a bi-color LED and shall change color from green to flashing red when a failure is detected from the battery, charger circuit or lamps.

The fixture shall be suitable for wall mounting on various Junction-boxes or surface mount, using rigid conduit entry on the top of the unit.

To be supplied in white, black, platinum grey or dark bronze.

The battery unit shall be CSA Certified to C22.2 No. 141.

The unit shall be Emergi-Lite model: \_\_\_\_\_.



Easy self-adhesive gasket, must be used in all exterior applications, but comes standard with all units.

Easily accessible, stand alone die-cast back plate with universal knock-out pattern.

Patent pending vacuum metalized die-cast reflector. The multiple conical section reflector was engineered to create a well defined path of light that will guide occupants to safety in case of an emergency.

The front cover includes the battery\*, reflector and electronics. The connection is done using an AC quick connect plug.

Easy to replace Xenon lamps Unlike quartz halogen lamps, the Xenon lamps can be easily installed using your fingers.

\* Nickel Metal Hydride: State-of-the art battery technology; Lead-free and Cadmium-free; a greener choice.

## Power Consumption and Unit Rating

Model	AC Specs			Wattage Capacity	
	120 / 347Vac	0.11 / 0.04 Amp	Less than 10.5W	6V - 12W	Minimum 90 min.
LUX12, LUXH12	120 / 347Vac	0.11 / 0.04 Amp	Less than 10.5W	6V - 12W	Minimum 90 min.
LUXH20	120 / 347Vac	0.11 / 0.04 Amp	Less than 10.5W	6V - 20W	Minimum 60 min.

## Replacement Lamps

Ordering Code	Specifications
570.0213-E	X6W, 6V - 6W Xenon
570.0214-E	X10W, 6V - 10W Xenon

## Ordering Information

Series	Lamp Wattage	Colour*	Option
<b>LUX12=</b> 6V - 12W, lead calcium battery <b>LUXH12=</b> 6V - 12W, NiMH battery (Nickel Metal Battery) (-20°C to +40°C) comes with UN* <b>LUXH20=</b> 6V - 20W, NiMH battery with UN*  *UN = auto diagnostic, non-audible.	<b>/X6=</b> 6Volts-6Watts <b>/X10=</b> 6Volts-10Watts  2 Xenon wedge base T3-1/4.	<b>OW=</b> off white <b>BK=</b> black <b>BZ=</b> dark bronze <b>PG=</b> platinum grey  * Other colours available on demand. Consult your sales representative.	<b>D3=</b> time delay 15 minutes

EXAMPLE: LUX12 /X60WD