



Lux-Ray™ Series

Now available with white LED
normally-on and photo-cell activated

Patent Pending



Standard Features

Reliability

- The **Lux-Ray™ Series** comes complete with a 3-year warranty.
- Models equipped with Nickel-Metal-Hydride battery have a 5-year warranty.
- Warranty excludes incandescent lamps.

Lamp information

- The **Lux-Ray™** units come standard with two high-output lamps with Xenon gas.
- Optional LED lamp is available for accent (normal) lighting.
- The LED lamp has an operational life of 50,000 hours (measured until 70% of initial light level)

Power Requirements

- Un-switched input (emergency lighting): 120/277Vac, 60 Hz, 0.11/0.05 Amp.
- Switched input (accent lighting): 120V/277Vac 0.04A, 5W
- UL listed to the UL924 standard

Suggested Specification

Supply and install the **Lux-Ray™ Series** battery unit from **Emergi-lite®**. The unit shall be suitable for wall mounting directly on the electrical box, or on the wall surface, using rigid conduit entry at the top of the unit.

The unit body shall be made of die-cast Aluminum with painted finish: _____ and a UV and impact resistant polycarbonate lens. The two emergency lights shall be high-output Xenon lamps hosted by a vacuum-plated die-cast reflector. The unit shall be rated 120/277VAC, 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, and brownout protection which will automatically switch unit into emergency mode if the utility power falls below 80% of nominal level. The unit shall provide minimum 90 minutes of emergency lighting.

When specified, models with Lead-Calcium battery shall be equipped with a pulse type charging circuitry. The voltage/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. A red LED pilot light shall indicate AC power.

When specified, models with Nickel Metal Hydride batteries shall be equipped with a non-audible (Advanced) diagnostic circuit. The unit shall self test for one minute every month, 30 minutes every six months and 90 minutes annually. The pilot light shall be a bi-color LED and shall change color from normal green to flashing red when a failure is detected from the battery, charger circuit or lamps. A label located near the pilot light shall describe the diagnostic for each flashing code.

When specified, models for remote emergency lighting shall include two low-voltage Xenon lamps of _____ V and _____ W and all the necessary wire connections.

When specified, models with dual-mode illumination shall include a power LED lamp with a separate electrical input 120/277Vac for connection to a switched AC line. The LED lamp shall consume less than 5 Watts and shall have an operational life of 50,000 hours, until 70% of initial light level.

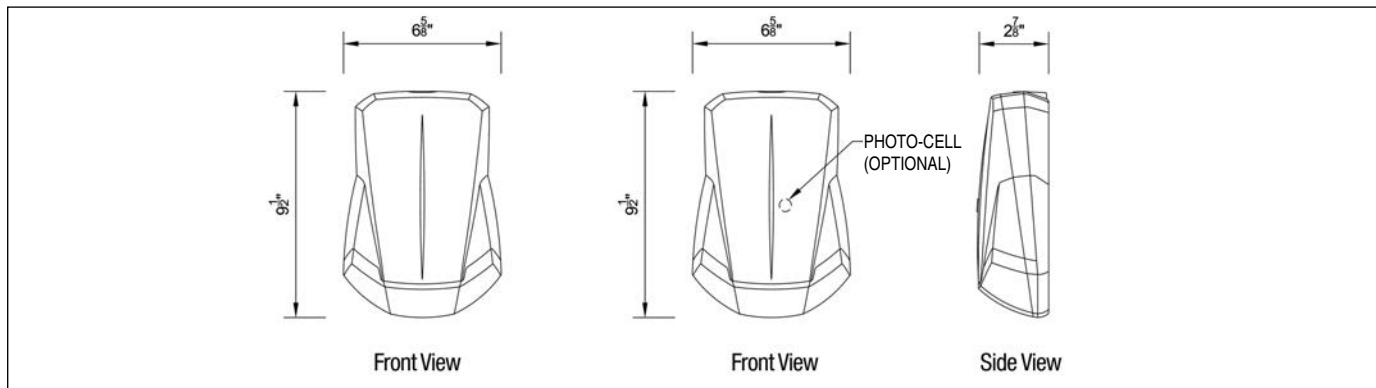
When specified, models equipped with photo-switch shall automatically activate the LED lamp only from dusk till dawn, for additional energy savings. The typical ambient illumination for the photo-cell shall be: one foot-candle (to turn-on) and three foot-candles (to turn-off).

The unit shall be listed by the Underwriting Laboratories to the UL924 Standard.

The unit shall be **Emergi-Lite®** model: _____.

Outline and Dimensions

Dimensions are approximate and subject to change.



Power Consumption Chart

Model	AC Specs			DC Specs	
LUXL, LUXN	120/277Vac	0.11/0.05Amp	Less than 10.5W	6V-12W	Min. 90 minutes
LUXN2	120/277Vac	0.11/0.05Amp	Less than 10.5W	6V-12W	Min. 90 minutes
LUX-2, LUX-P	120/277Vac	0.04Amp	5W	LED Normal Lighting	

*National Electrical Code specification

Battery Replacement

840.0004-E	6V-12W, Lead Calcium
840.0004-E	6V-12W, 20W NiMH

Lamp Replacement

570.0213-E	ZU= 6V-6W Xenon
570.0214-E	ZV= 6V-10W Xenon
570.0215-E	ZW= 12V-6W Xenon
570.0216-E	ZX= 12V-10W Xenon

How To Order

Battery Unit

Color*	Series	Lamp/Voltage*	Options
OW = off white B = black BZ = dark bronze PG = platinum gray <small>*Other colors available at a premium. Please contact your sales representative.</small>	LUXL = 6V-12W, lead calcium (+20°C to +30°C) Pulse Plus charger LUXN = 6V-12W, NiMH (-20°C to +40°C) comes with Advanced Diagnostic Non-Audible (ADNA) LUXN2 = 6V-20W, NiMH (+20°C to +30°C) comes with Advanced Diagnostic Non-Audible (ADNA)	ZU = 6V-6W ZV = 6V-10W** <small>*Xenon wedge base T3-1/4 **Only available in LUXN2</small>	Blank = no options -D1 = 5 min time delay* -D2 = 10 min time delay* -D3 = 15 min time delay* -2 = dual-mode lighting -P = Photo-cell <small>*Time delay available only with ADNA, LUXN and LUXN2 units.</small> Limited Warranty: Lead-Calcium Battery= 3 years Nickel Metal Hydride Battery= 5 years

Example: OWLUXLZU-D1

Remote Unit

Series	Lamp/Wattage	Color	Options
LUX = remote fixture (-40°C to +60°C)* Outdoor remote <small>*Option Dual-Mode Lighting: -40°C to +40°C</small>	(ZU) = 6V-6W (ZV) = 6V-10W (ZW) = 12V-6W (ZX) = 12V-10W Xenon wedge base T3-1/4	-OW = off white -BK = black -BZ = dark bronze -PG = platinum gray <small>*Other colors available at a premium. Please contact your sales representative.</small>	Blank =no options -2 = dual-mode lighting -P = Photo-cell

Example: LUX(ZU)-OW-2