Lux-Ray™ Series

NEW!

Pantent Pending

A combination of Style & Performance

*The **Lux-Ray™ Series** combines the photometrical performance to a visually appealing design.*

An efficient reflector combined with two Xenon lamps deliver an incredible center-to-center spacing.

The die-cast aluminum housing is offered in a wide range of colors to complement any interior. It will blend with the most sophisticated décor.

*With it's fully gasket housing, the **Lux-Ray™ Series** is also ideal for extreme outdoor environments.*

Designed to meet the needs of architects and designers without sacrificing safety, this fixture is available in a wide range of colors to complement any interior.

Standard Features

Reliability

The Lux-Ray™ Series comes complete with a 3-year full warranty (excluding lamps and fuses).

Unit Data

The Lux-Ray™ units are made of durable cast aluminum housing, finish with textured polyester powder coat paint. Four colors are available: off white, black, platinum gray and dark bronze. The vacuum-plated die-cast reflector will last over time. The lens is made of an impact and UV resistant polycarbonate.

Units can be installed on various J-box with the universal mounting pattern. It can also be surface mount using the rigid conduit entry provision on the top of the unit.

Lamp information

The Lux-Ray™ units are furnished with two high-output Xenon lamps. These lamps, combined with a patent pending reflector, deliver an incredible center-to-center spacing. The reflector has been designed to provide an evenly distributed illumination pattern for corridors, up to 6' wide.

Charger

All self-powered units come with a 120/277Vac, 60Hz., dual input voltage. Chargers also 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 sages below 80% of nominal and battery reverse polarity protection.

Lead-Calcium Models are equipped with the Pulse Plus circuitry that will promote long reliable battery life and excellent performance. This current limiting charger will minimize energy consumption.

Nickel Metal Hydride Models are equipped with the non-audible version of the Advanced Diagnostics system. This charger is a self-test and self-diagnostic charger. It will monitor and indicate any of the following failures: battery disconnect, battery, charger and lamp failures. Discharge test can also be initiated manually.

Controls or electrical

- Lead-Calcium Models: green LED indicates AC power is on.
- Nickel Metal Hydride Models: bi-color LED indicates battery state of charge, test activation and four-state diagnostic status.
- Test switch allows for quick operational check of the entire system.

Power Requirements

120/277Vac, 60Hz, 0.11/0.05 Amp

Options

The Lux-Ray™ Series is offered in three configurations. Also available as remote. It can be used in a wide range of applications, environments:

- LUXL Regular interior package: cost efficient solution equipped with Lead-Calcium battery.+20°C to +30°C (+68°F to +86°F)
- LUXN Exterior package: designed for a wide range of temperature. UL listed for wet and cold location. Operating temperature: –20°C to +40°C (–4°F to + 104°F)
- LUXN2 High output package: ideal for interior applications where the photometrical performance the 10W Xenon lamps is required. Equipped with NiMH battery, UL listed for operating temperature: +20°C to +30°C (+68°F to +86°F)

Power Consumption Chart

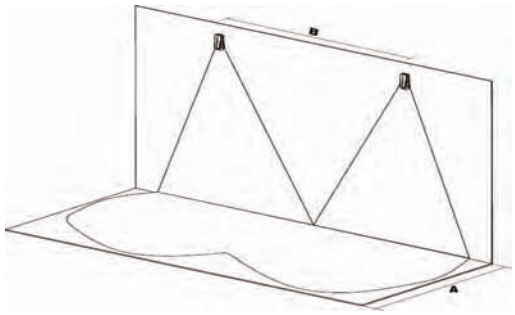
Model	AC Specs	DC Specs
LUXL, LUXN	120/277 Vac 0.11/0.05Amp Less than 10.5 W	6V 12W Min. 90 minutes
LUXN2	120/277 Vac 0.11/0.05Amp Less than 10.5 W	6V 12W Min. 90 minutes

Replacement Lamps

Model	Specifications
570.0213-E	X6W, 6V - 6W
570.0214-E	X10W, 6V - 10W

ISO Curve

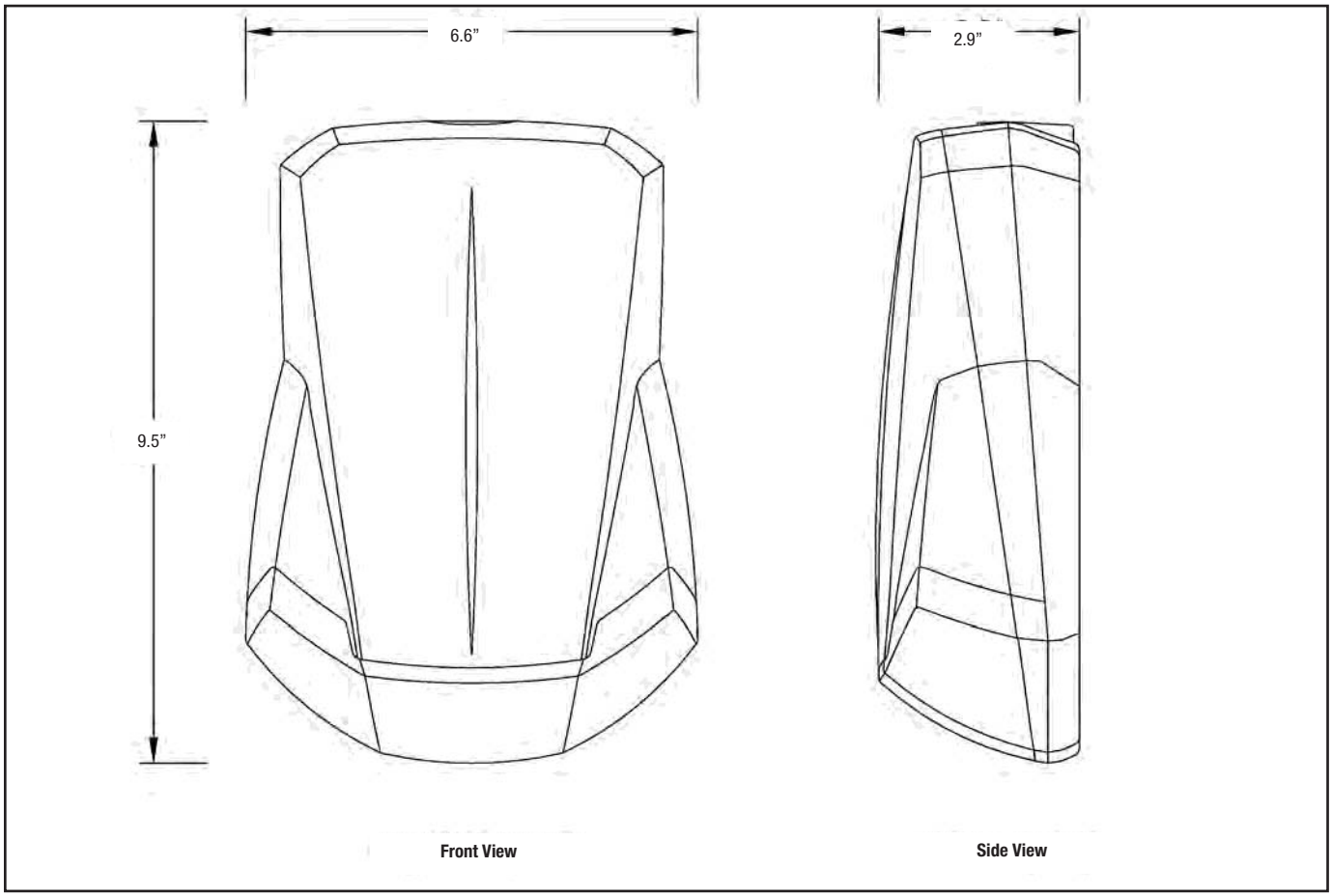
Lamp Type	Mounting height	Center-to-center
		A=3' A=6'
2 X 6W	7.5'	B=28' B=19'
	8.5'	B=25' B=18'
2 X 10W	7.5'	B=30' B=28'
	8.5'	B=34' B=30'



Note: Photometric results shown are based on a simulation using the AGI32 software with a 1 foot-candle average and 0.1 foot-candle minimum with a 40:1 maximum ratio. Lightalarms assumes no responsibility for local requirements or specific project variable. This is a guideline to be used as a design aid, not guarantee of any code compliance.

Outline and Dimensions

Dimensions are approximate and subject to change. Unit supplied with bar hanger kit package.



How To Order (example)

	LUXL	ZU	-D1
Color	*Series*	*Lamp Wattage**	*Options*
OW = off white	**LUXL** = 6V - 12W, lead calcium (+20°C to +30°C) std charger	**ZU** = 6V-6W	**-D1**= 5 min time delay
B = black	**LUXN*** = 6V - 12W, NiMH (-20°C to +40°C) Comes with ADNA	**ZV**** = 6V 10W	**-D2**= 10 min time delay
BZ = dark bronze	**LUXN2*** = 6V - 20W, NiMH (+20°C to +30°C) Comes with ADNA		**-D3**= 15 min time delay
PG = Platinum gray		*Xenon wedge base T3-1/4	
Other colors available at a premium. Consult the factory.	*ADNA: Advanced Diagnostic, non audible, will self test the unit for 30 seconds every 30 days. 30 minutes every 60 days and 90 minutes annually.*	** only available in LUXN2 version.	*time-delay available only with ADNA*