

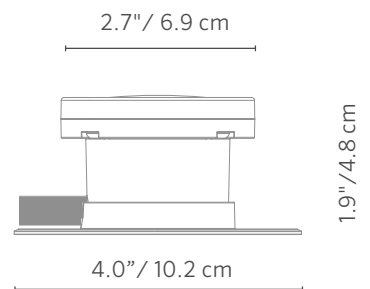
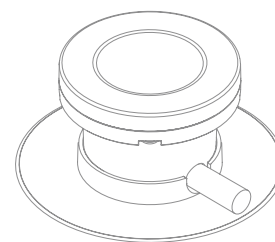


LP Underwater Light

The LP is the smallest integrated LED underwater light by FX Luminaire. Designed for small spaces, the LP adds a unique architectural element to any water feature. Its natural brass construction ensures durability. With three color filters, integrated Luxor® Technology and lead length options, the LP creates numerous possibilities for any project.

Quick Facts

- Die-cast brass
- Natural brass with tumbled finish
- Cree® Integrated LEDs
- Tamper resistant features
- Color temperature filters
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V
- 90 degree beam spread



LP Underwater Light SPECIFICATIONS

Output	1LED	3LED	ZDC
Total Lumens [†]	74	173	147
Input Voltage	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	2.0	4.2	6.0
VA	2.4	4.5	7.2
Efficacy (Lumens/Watt)	38	41	46
Color Rendering Index (CRI)	84	84	81
Center Beam Candle Power	35	82	124
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**
RGBW Available	No	No	Yes
Luxor Compatibility			
Default	Zoning	Zoning	Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming
ZDC Option	--	--	Zoning/Dimming/Color
Minimum Rated Life (L70)	50,000 Hrs	50,000 Hrs	50,000 Hrs

** For optimal performance, use trailing edge phase cut dimmer

[†] Measured using the 3900K CCT lens. Multipliers for other CCT's include 0.80 (2700K), 0.65 (4500K), and 0.65 (5200K)

FX Luminaire

FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming and color adjustment capabilities. We offer a full spectrum of highly efficient lighting fixtures that may be utilized to create elegant cutting-edge landscape lighting systems for commercial or residential application. Our products are available exclusively via our extensive professional distributor network

Materials

Die-cast C360 brass housing and cap with composite support stand.

Lamp

Integrated module with Cree LEDs. Gold-plated connectors and conformed coated for maximum reliability and corrosion resistance. Proprietary on-board intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field upgradeable and replaceable, the LEDs are rated to 50,000 hrs. Maximum drive current: 1 A.

Optics

Polycarbonate color temperature adjustment lenses included with fixture: 2700K (preinstalled), 3900K (no lens) 4500K, and 5200K. Color temperature lenses field serviceable.

Socket

Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the fixture.

Wiring

16 AWG 105° C 300V 30-foot length; 0.30 PVC insulation.

Power

Input 10-15VAC/VDC 50/60Hz. Remote transformer required (specify separately).

Housing

Die-cast brass housing with capacity for 1 LED, 3 LED, or ZDC integrated LEDs.

Faceplate

Die-cast brass faceplate with flat face.

Lens

Tempered frosted glass lens with shock resistance and high tolerance for thermal expansion and stress.

Finish

Natural brass finish.

Hardware

T15 Torx screws

Ambient Operating Temperature

0°F to 140°F

Weight

1.0 lbs.

Control

LuxorZD or LuxorZDC uses Luxor® technology to zone light fixtures in up to 250 groups, dim each group in 1 percent increments between 0 and 100 percent, or change to one of 30,000 colors with RGBW LEDs. Select the ZD option for zoning/dimming or ZDC for zoning/dimming/color. Standard fixture is zoneable with LuxorZD or LuxorZDC.

Sustainability

Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining the highest quality and functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan and durability.

Installation Requirements

Designed for installation in any direction, underwater only. Maximum depth of 10 feet.

Warranty

10-year limited warranty

Manufacturing

ISO 9001:2008 certified facility

Listings



LP Underwater Light ORDERING INFORMATION

Fixture-Size	Luxor Option	Output	Options	Finish
LP*	<input type="checkbox"/> [blank] Zone	<input type="checkbox"/> 1LED 74 Lumens	<input type="checkbox"/> [blank] Standard Lead (30')	<input type="checkbox"/> BS Natural Brass
	<input type="checkbox"/> ZD Zone/Dim	<input type="checkbox"/> 3LED 173 Lumens	<input type="checkbox"/> XL Extra-Long Lead (100')	
	<input type="checkbox"/> ZDC Zone/Dim/Color	<input type="checkbox"/> ZDC 147 Lumens		



EXAMPLE FIXTURE CONFIGURATION: LP-ZD-1LED-XL-BS

LP

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BS

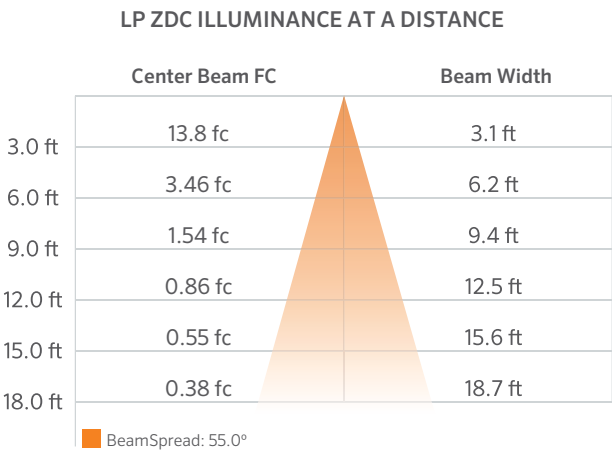
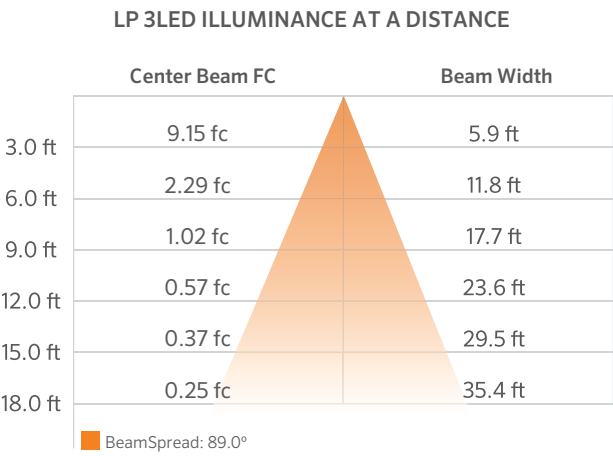
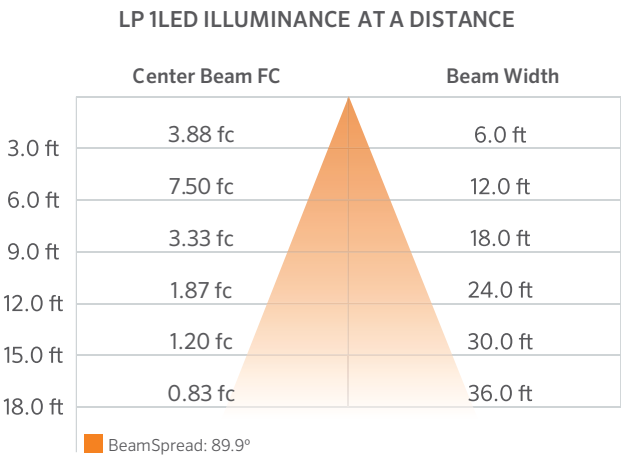
* Ships with composite support stand

MOUNTING OPTIONS

Mounts	Code
<input type="checkbox"/> SUPPORT STAND 4.0"/10.2cm	250022480000 Included



LP Underwater Light PHOTOMETRICS



NOTE: Photometric data displayed using 3900K filter