Pinnacle™ LP Underwater Light



PROJECT NAME

TYPE

CATALOG #

QUANTITY

NOTES

Designed for small spaces, the LP is our smallest integrated LED underwater light. It features a natural brass construction to provide durability and long life.

Quick Facts

- Premium, corrosion-resistant brass construction protects internal and external elements of the fixture
- Minimal visible hardware for a clean and elegant design, day or night
- Horizontal or vertical cable entry locations
- Serviceable with an IP68 rating
- Driver on Board Technology layout for compact design and fewer components
- Built-in Luxor® Technology enables powerline zoning, smooth dimming, and RGBW color-changing with the Luxor Controller
- Available in static color temperature, wildlife-friendly, and dynamic RGBW color-changing options

LP Photometrics

LP 1LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 89.0°
3' (0.9 m)	4 fc (42 lx)	6' (1.8 m)
6' (1.8 m)	8 fc (86 lx)	12' (3.7 m)
9' (2.7 m)	3 fc (32 lx)	18' (5.5 m)
12' (3.7 m)	1.9 fc (21 lx)	24' (7.3 m)
15' (4.6 m)	1.2 fc (13 lx)	30' (9.1 m)
18' (5.5 m)	0.8 fc (9 lx)	36' (10.9 m)

LP 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 89.0°
3' (0.9 m)	9 fc (99 lx)	6' (1.8 m)
6' (1.8 m)	2 fc (25 lx)	12' (3.7 m)
9' (2.7 m)	1 fc (11 lx)	18' (5.5 m)
12' (3.7 m)	0.6 fc (7 lx)	24' (7.3 m)
15' (4.6 m)	0.4 fc (4 lx)	30' (9.1 m)
18' (5.5 m)	0.3 fc (3 lx)	35' (10.7 m)

LP ZDC Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-Candle (Lux)	Vertical 55.0°
3' (0.9 m)	14 fc (149 lx)	3' (0.9 m)
6' (1.8 m)	4 fc (38 lx)	6' (1.8 m)
9' (2.7 m)	1.5 fc (16 lx)	9' (2.7 m)
12' (3.7 m)	0.9 fc (10 lx)	13' (4.0 m)
15' (4.6 m)	0.6 fc (7 lx)	16' (4.9 m)
18' (5.5 m)	0.4 fc (4 lx)	19' (5.8 m)

LP - Spec Chart

Output	1LED	3LED	3LEDT	ZDC
Total Lumens†	75	175	120	150-350
Input Voltage	10 to 15V	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	2.0 W	4.2 W	4.2 W	6.0 W
VA	2.2	4.5	4.5	7.2
Efficacy (Lumens/Watt)	38	41	34	46
Color Rendering Index (CRI)	80+	80+	--	80+
Center Beam Candlepower	35	82	251	124
Dimming				
Primary Dimming (Transformer)	Consult transformer specifications			
Secondary Dimming (Fixture)	Phase-cut**	Phase-cut**	Phase-cut**	Luxor
RGBW Available	No	No	No	Yes
Luxor Compatibility				
Default	Zoning	Zoning	--	Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming	Zoning/Dimming	--

Output	1LED	3LED	3LEDT	ZDC
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life (L70)	55,000 Hrs	55,000 Hrs	55,000 Hrs	55,000 Hrs

** For optimal performance, use a trailing-edge, phase-cut dimmer.
† Measured using the 3,900K CCT lens. Multipliers for other CCTs include 0.80 (2,700K), 0.65 (4,500K), and 0.65 (5,200K)

Technical Specifications

About FX Luminaire

As a leading manufacturer of landscape and architectural lighting, FX Luminaire provides innovative products, resources, and support to help customers bring their visions to life. The company offers a range of specification-driven solutions, including fixtures, controls, and accessories, to enhance residential and commercial landscapes.

CONSTRUCTION

Materials	Die-cast C360 brass housing and cap with composite support stand.
Optics	Polycarbonate color temperature adjustment lenses included with fixture: 2,700K (preinstalled), 3,900K (no lens), 4,500K, and 5,200K. Color temperature lenses field serviceable.
Finish	Natural brass finish.
Hardware	T15 Torx screws. Includes support stand.
Wiring	16 AWG (1.3 mm); 220°F (105°C); 300 V; 30' (9 m) length.
Sockets	Socket contains MoistureBlock™ Technology, preventing moisture from wicking up into sealed areas of the fixture.
Weight	1.0 lb (0.5 kg)
Ambient Operating Temperature	0°F to 140°F (-18°C to 60°C)

SUSTAINABILITY & MANUFACTURING

Installation Requirements	Designed for installation in any direction, underwater only. Maximum depth of 10' (3 m).
Manufacturing	ISO 9001:2015 certified facility

LISTINGS

Model Configurator

LP								
MODEL	LIGHTING ENGINE	LUXOR CONTROL	POWER	LED COLOR	COMPLIANCE	CONFIGURATION	WIRE LEAD	FINISH

LIGHTING ENGINE

- ☐ **Powerboard Integrated LED**

LUXOR CONTROL

- ☐ **ZDC**
  Zone/Dim/Color with Luxor (Medium Round 3 LED)
- ☐ **ZD**
  Zone/Dim with Luxor

POWER

- ☐ **1LED**
  2.4 VA
- ☐ **3LED**
  4.5 VA
- ☐ **[Default]**
  Default ZDC Option 6.0W/7.2VA

LED COLOR

- ☐ **[Default]**
  Warm (2700K)
- ☐ **T**
  Wildlife-Friendly (585 to 595 nm)

COMPLIANCE

- ☐ **[Default]**
  North America (UL Listed)
- ☐ **E**
  International (CE Certified)

CONFIGURATION

- ☐ **HZ**
  Horizontal With Support Stand
- ☐ **VR**
  Vertical Lead

WIRE LEAD

- ☐ **30**
  30' (9 m) Lead
- ☐ **XL**
  100' (30 m) Lead

FINISH



BS

Natural Brass