FXLuminaire®

RD

ST

SQ

WW

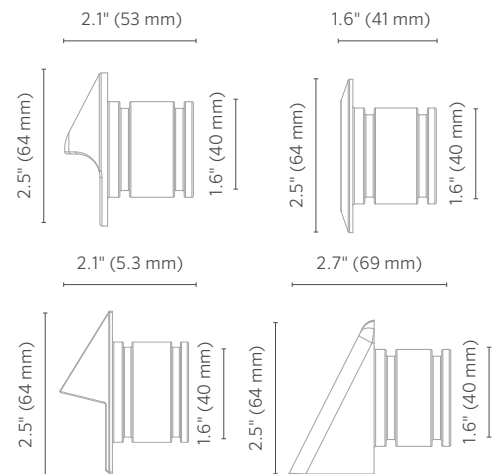PROJECT

CATALOG #

TYPE

NOTES

PO Wall Light   **DESIGNER** PREMIUM

1 LED recessed wall light available in four brass faceplate styles for any application.

Quick Facts

- Die-cast brass or aluminum
- Natural, powder-coated, or antique brass
- Cree® integrated LEDs
- Color temperature filters

- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V

2.1" (53 mm)
2.5" (64 mm)
1.6" (40 mm)

1.6" (41 mm)
2.5" (64 mm)
1.6" (40 mm)

2.1" (5.3 mm)
2.5" (64 mm)
1.6" (40 mm)

2.7" (69 mm)
2.5" (64 mm)
1.6" (40 mm)

LANDSCAPE & ARCHITECTURAL LIGHTING

PO Wall Light SPECIFICATIONS

Output	1LED
Total Lumens†‡	4–39
Input Voltage	10 to 15V
Input Power (W)	2.0
VA	2.4
Efficacy (Lumens/Watt)	8
Color Rendering Index (CRI)	80+
Max Candela‡	24
Dimming	PWM, Phase**
RGBW Available	No
Luxor Compatibility	
Default	Zoning
ZD Option	Zoning/Dimming
ZDC Option	--
Minimum Rated Life (L90/B10)	55,000 Hrs

† *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).*

‡ *Measured using the Round (RD) faceplate. Multipliers for other faceplates include: 1.0 (Square), 2.0 (Spot), and 0.4 (Wall Wash).*

** *For optimal performance, use a trailing-edge, phase-cut dimmer.*

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 specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

Materials
Die-cast C360 brass faceplate, A380 aluminum housing, ABS construction conduit sleeve.

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

Lamp
Integrated module with Cree LEDs. Gold-plated connectors and conformal 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: 2,700K (pre-installed); 3,900K (no lens); 4,500K; and 5,200K. Color temperature lenses field serviceable. Beam angle is calculated using LM-79 method for SSL luminaires.

Wiring
18 AWG (1 mm); SPT-1W; 220°F (105°C); 300V; 10' (3 m) length.

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

Housing
Die-cast aluminum housing with capacity for 1LED integrated LEDs.

Faceplate
Die-cast brass faceplate.

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

Finish
Options of natural brass finish, antique finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect, or TGIC powder-coat finish. Antique finishes sealed with a clear TGIC powder-coat layer.

Hardware
Includes ABS conduit sleeve with ½"-14 (13 mm) NPT female hole for strain relief. Strain relief specified separately. Outer diameter of ABS conduit sleeve: 1.9" (48 mm).

Ambient Operating Temperature
0°F to 140°F (-18°C to 60°C)

Weight
2.3 lbs. (1.0 kg)

Control
ZD option utilizes Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0% and 100%.

International Compliance
Compliant per IEC 60598-1 and IEC 60598-2-7 when used with International Wall Kit ("EKITWALL").

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

IES Classification
Type IV (RD & SQ), Type V (ST) Type II (WW).

Warranty
10-year limited warranty

Installation Requirements
RD & SQ – Designed for recessed installation in a vertical wall in the down lighting position only.

WW – Designed for recessed installation in a vertical wall in any orientation.

ST – Designed for recessed installation in a vertical or horizontal wall; ensure substantial drainage flow for up lighting (e.g., decking).

Listings
c(UL)us LISTED 3YJ8   RoHS COMPLIANT   CE   IP65

PO Wall Light ORDERING INFORMATION

Fixture	Luxor Option	Output	Faceplate	Finish	
PO*	■ [default] *Zone*	■ 1LED *4–39 Lumens*	■ RD *Round*	■ BS *Natural Brass*	
	■ ZD *Zone/Dim*		■ SQ *Square*	■ BZ *Bronze Metallic*	
			■ ST *Spot*	■ DG *Desert Granite*	
			■ WW *Wall Wash*	■ WI *Weathered Iron*	
				■ SB *Sedona Brown*	
				■ FB *Black*	
				■ WG *White Gloss*	
				■ FW *Flat White*	
				■ AL *Almond*	
				■ SV *Silver*	
				■ NP *Nickel Plate*	
				■ AB *Antique Bronze*	
				■ AT *Antique Tumbled*	

EXAMPLE FIXTURE CONFIGURATION:
PO-ZD-1LED-RD-BZ
*Includes 1.5" (38 mm) Conduit Sleeve (25001859000)

PO	–		–	1LED	–		–	

ACCESSORIES: Specify Separately

Accessories	Code	
■ **PO MOUNTING BRACKET** *1.3" H x 2.5" W (33 mm x 64 mm)*	POBRKT	
■ **STANDARD OPTICS KIT**	1LEDOPTICSKIT	
■ **WALL LIGHT CONNECTION KIT**	EKITWALL	

PO 1LED Illuminance at a Distance — RD/SQ

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 35°	Horizontal 60°
2.0' (0.6 m)	0.2 fc (2.2 lx)	1.3' (0.4 m)	2.3' (0.7 m)
4.0' (1.2 m)	0.1 fc (1.1 lx)	2.6' (0.8 m)	4.6' (1.4 m)
6.0' (1.8 m)	0.02 fc (0.2 lx)	4.0' (1.2 m)	6.9' (2.1 m)
8.0' (2.4 m)	0.01 fc (0.1 lx)	5.3' (1.6 m)	9.2' (2.8 m)
10.0' (3.1 m)	0.01 fc (0.1 lx)	6.6' (2.0 m)	11.5' (3.5 m)

PO 1LED Illuminance at a Distance — ST

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 80°	Horizontal 75°
2.0' (0.6 m)	6.1 fc (66 lx)	3.3' (1.0 m)	3.1' (1.0 m)
4.0' (1.2 m)	1.5 fc (16.4 lx)	6.6' (2.0 m)	6.3' (1.9 m)
6.0' (1.8 m)	0.7 fc (7.3 lx)	9.8' (3.0 m)	9.4' (2.9 m)
8.0' (2.4 m)	0.4 fc (4.1 lx)	13.1' (4.0 m)	12.6' (3.8 m)
10.0' (3.1 m)	0.24 fc (2.6 lx)	16.4' (5.0 m)	15.7' (4.8 m)

PO 1LED Illuminance at a Distance — WW

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 45°	Horizontal 60°
2.0' (0.6 m)	0.9 fc (9.5 lx)	1.6' (0.5 m)	2.2' (0.7 m)
4.0' (1.2 m)	0.2 fc (2.4 lx)	3.2' (1.0 m)	4.5' (1.4 m)
6.0' (1.8 m)	0.1 fc (1.1 lx)	4.9' (1.5 m)	6.7' (2.0 m)
8.0' (2.4 m)	0.1 fc (0.5 lx)	6.5' (2.0 m)	9.0' (2.7 m)
10.0' (3.1 m)	0.04 fc (0.4 lx)	8.1' (2.5 m)	11.2' (3.4 m)