

LC LED Up Light **DESIGNER PREMIUM**



PROJECT

CATALOG #

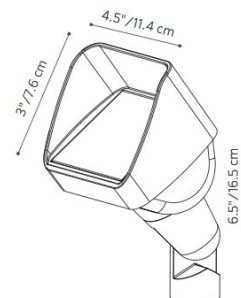
TYPE

NOTES

High-performance wall wash light in 3, 6, or 9 LED. Available in aluminum or brass construction. RGBW capable with Luxor® systems.

Quick Facts

- Die-cast aluminum
- Lumileds® integrated LEDs
- Tamper-resistant features
- Phase dimmable
- Two-layer marine-grade anodization and powder coat finish
- ProAim™ adjustability
- Compatible with Luxor technology
- Input voltage: 10-15V



LC LED Up Light SPECIFICATIONS

Output	3LED	6LED	9LED	ZDC
Total Lumens [†]	305	331	436	192
Input Voltage	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Input Power	4.0 W	8.2	10.0	9.1
Power Consumption (VA)	4.4 W	9.7	10.7	11.0
Efficacy (Lumens/Watt)	77	36.0	37.0	37.0
Color Rendering Index (CRI)	84	80+	80+	80+
Center Beam Candlepower*				
Very Wide Flood (90)	147	262	400	193
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	--
ZDC Option	--	--	--	Zoning/Dimming/Color
Minimum Rated Life (L70)	72,000 Hrs	72,000 Hrs	72,000 Hrs	55,000 Hrs

* Information not available for Flood or Wide Flood.

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

† Measured using the 2,700K CCT option.

LC LED Up Light SPECIFICATIONS

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 housing, shroud, and knuckle/base assembly with brass hardware or die-cast aluminum A380 housing, shroud, and knuckle with stainless steel hardware.

Knuckle

Die-cast brass or die-cast aluminum knuckle with ½"-14 NPSM threads. Compress and lock features prevent slip after installation. 9° increments adjustability over 220° of vertical adjustment.

Lamp

Integrated module with Lumileds 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 72,000 hrs. Maximum drive current: 1 A.

Optics

Color temperature defined by part number. Beam angle is calculated using LM-79 method for SSL luminaires.

Finish

Options of powder coat, natural brass finish, or antiqued finish with brushed (Antique Bronze) or tumbled (Antique Tumbled) effect. Powder coat finishes sealed with two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards. Antique finishes sealed with a clear TGIC powder coat layer.

Hardware

Brass or stainless steel angle lock screw. Includes 12" (305 mm) ABS slotted installation spike.

Wiring

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

Sockets

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

Power

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

Shroud

Die-cast brass or aluminum shroud with 30° cutoff.

Weight

3.8 lbs. (1.7 kg)

Housing

Die-cast brass or aluminum housing with capacity for 1LED, 3LED, 6LED, 9LED, or ZDC integrated LEDs.

Lens

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

International Compliance

Compliant per IEC 60598-1 and IEC 60598-2-4 when used with International Spike Kit ("EKITSPIKE") or alternate mount greater than or equal to IP65, or by selecting the "e" version.

Ambient Operating Temperature

0°F to 140°F (-18°C to 60°C)

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.

Installation Requirements

Designed for installation in the upward direction only.

Control

ZD or ZDC options utilize Luxor technology to zone light fixtures in up to 250 groups, dim each group in 1% increments between 0 and 100%, 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 Luxor.

Manufacturing

ISO 9001:2015 certified facility

Warranty

10-year limited warranty.

Listings



LC LED Up Light ORDERING INFORMATION

[field_compliance]

Fixture	Luxor Option	Lamp	Finish
LC	[default] Zone	3 LED 4.2W/4.5VA	AB Antique Bronze
	ZD Zone/Dim	6 LED 8.2W/9.7VA	AT Antique Tumbled
	ZDC Zone/Dim/Color	9 LED 10.0W/10.7VA	NP Nickel Plate
		[default ZDC option] 9.1W/11.0VA	BS Natural Brass
			BZ Bronze Metallic
			DG Desert Granite
			WI Weathered Iron
			SB Sedona Brown
			FB Black
			FW Flat White
			SV Silver

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EXAMPLE FIXTURE CONFIGURATION: LC-XX-XXXX-XX

LC 3LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 84.5°	Horizontal 95.4°
4' (1.2 m)	4.9 fc (53 lx)	7.3' (2.2 m)	8.8' (2.7 m)
8' (2.4 m)	1.2 fc (13 lx)	14.5' (4.4 m)	17.6' (5.4 m)
12' (3.7 m)	0.6 fc (7 lx)	21.8' (6.7 m)	26.4' (8.1 m)
16' (4.9 m)	0.3 fc (3.2 lx)	29.0' (8.8 m)	32.2' (9.8 m)
20' (6.1 m)	0.2 fc (2.2 lx)	36.3' (11.1 m)	44.0' (13.4 m)
24' (7.3 m)	0.1 fc (1.1 lx)	43.6' (13.3 m)	52.8' (16.1 m)

LC 9LED Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 81.7°	Horizontal 90.9°
4' (1.2 m)	14.4 fc (155 lx)	6.9' (2.1 m)	8.1' (2.5 m)
8' (2.4 m)	3.6 fc (39 lx)	13.8' (4.2 m)	16.3' (5.0 m)
12' (3.7 m)	1.6 fc (17 lx)	20.7' (6.3 m)	24.4' (7.4 m)
16' (4.9 m)	0.9 fc (10 lx)	27.7' (8.4 m)	32.5' (9.9 m)
20' (6.1 m)	0.6 fc (7 lx)	34.6' (10.6 m)	40.7' (12.4 m)
24' (7.3 m)	0.4 fc (4.3 lx)	41.5' (12.7 m)	48.8' (14.9 m)

LC 6LED Illuminance at a Distance


























Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 81.5°	Horizontal 94.0°
4' (1.2 m)	10.7 fc (115 lx)	6.9' (2.1 m)	8.6' (2.6 m)
8' (2.4 m)	2.7 fc (29 lx)	13.8' (4.2 m)	17.2' (5.2 m)
12' (3.7 m)	1.2 fc (13 lx)	20.7' (6.3 m)	25.7' (7.8 m)
16' (4.9 m)	0.7 fc (8 lx)	27.6' (8.4 m)	34.3' (10.5 m)
20' (6.1 m)	0.4 fc (4.3 lx)	34.4' (10.5 m)	42.9' (13.1 m)
24' (7.3 m)	0.3 fc (3.2 lx)	41.3' (12.6 m)	51.5' (15.7 m)

LC ZDC Illuminance at a Distance



Feet (Meters)	Center Beam	Beam Width	
	Foot-Candle (Lux)	Vertical 38.1°	Horizontal 40.2°
4' (1.2 m)	10.8 fc (116 lx)	2.8' (0.9 m)	2.9' (0.9 m)
8' (2.4 m)	2.7 fc (29 lx)	5.5' (1.7 m)	5.9' (1.8 m)
12' (3.7 m)	1.2 fc (13 lx)	8.3' (2.5 m)	8.8' (2.7 m)
16' (4.9 m)	0.7 fc (8 lx)	11.0' (3.4 m)	11.7' (3.6 m)
20' (6.1 m)	0.4 fc (4.3 lx)	13.8' (4.2 m)	14.6' (4.5 m)
24' (7.3 m)	0.32fc (3.4 lx)	16.6' (5.1 m)	17.6' (5.4 m)

LC LED Up Light ORDERING INFORMATION

MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.	
Long Slot Spike	250015840000		3-Prong Spike	250020020000	
Lock Ring	250030410000SP		Super Slot Spike	753900	
Straight Coupling	COUP-XX*		CE Certified Spike	eKitSpike	
90° Coupling	ELBW-050-XX*		Gutter Mount	GM-SS	
Ground Mount with ½" Thread	GM-XX*		Mini J-Box for ½" Thread	MJB-050-XX*	
Mini Mount	MM-050-XX*		ProAim® Ratcheting Spike	PARS	
Post Mount	PM-XX*		Super J-Box Spike	SJ-XX*	
TreeBox® Mount with ½" Thread	TB-XX*		T-Mount Coupling with ½" Thread	TMNT-050-XX*	
Tree Ring	TR-YY*-6P-XX*		VersaBox® Mount with ½" Thread	VB-050-XX*	
Variable Height Riser for Up Lights	VHR-UL		Wall Mount Knuckle	WM-XX*	
Single-Gang Wall Plate with ½" Thread	WP-1G-050-XX*		Round Wall Plate with ½" Thread	WP-RD-050-XX*	
1.0" (25 mm) Copper Riser for GT Path Light	YY*-R-GT-XX*		Sign Light Riser, Aluminum	YY*-R-SL-XX*	
Aluminum Riser, ¾" Diameter	YY*-R-XX*				

POWER OPTIONS: Specify Separately

Power	Catalog No.	
Plug-in transformer, 6W	MT-6W	
Lighting Fixture Surge Module	SURGE-MOD	

Power	Catalog No.	
Step Down Transformer, UV	ST-UV	