



PROJECT

CATALOG #

TYPE

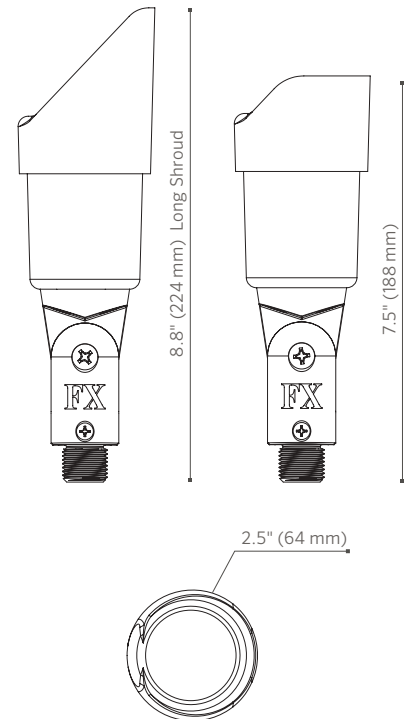
NOTES

RS Up Light STANDARD

The RS is a rugged micro luminaire that accommodates the MR-16 lamp family.

Quick Facts

- Die-cast zinc/aluminum alloy
- TGIC powder coat finish
- MR-16 GU5.3 lamp base
- ProAim® adjustability
- Tamper-resistant features
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15V



RS Up Light SPECIFICATIONS

Output	LED20WFL	LED35WFL	ZD35WFL
Total Lumens	250	335	310
Input Voltage	10 to 15V	10 TO 15V	10 TO 15V
Input Power (W)	4.0	4.6	4.6
VA	4.2	4.9	4.9
Efficacy (Delivered)	62	67	67
CRI (Ra)	80+	80+	80+
Center Beam Candlepower (CBCP)	570	660	660
CCT	2,700K	2,700K	2,700K
Beam Angle	20°	35°	35°
Dimming	PWM, Phase*	PWM, Phase*	PWM, Phase*
Luxor Compatibility			
ZD Option	Use ZD MR-16 (e.g., ZD20WFL)	Use ZD MR-16 (e.g., ZD35WFL)	Zoning/Dimming
Minimum Rated Life (hrs L90 B10)	40,000	40,000	40,000

* 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

Zinc/aluminum alloy housing, shroud, and knuckle with stainless steel hardware

Lamp

GU5.3 lamp base. Preinstalled LED MR-16 with Cree LEDs offers a warm 2,700K color temperature with a minimum rated life (L90) 40,000 hours.

Optics

Stainless steel spring in housing ensures the lamp and additional lenses stay flush against the glass lens, optimizing output and beam angles. Recess the lamp farther inside the housing to hide additional glare with the Recessor Ring (specify separately). For additional color filters, spread lenses, hex baffles, etc., use MR-16 sized accessories (MR-16: 2" (50 mm) dia. x 1 mm thickness).

Socket

MR16 GU5.3 socket with retaining clips. Ceramic socket base with heat-resistant contact pad. Stainless steel retaining clips ensure high spring force retention.

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).

Weight

2.6 lbs. (1.2 kg)

Housing

Die-cast zinc/aluminum alloy housing with capacity for one (1) standard MR-16 lamp.

Shroud

Die-cast zinc/aluminum alloy shroud with 15° (standard) or 45° (long shroud) cutoff options.

Knuckle

Machined brass knuckle with ½"-14 (13 mm) NPSM threads. Compress and lock features prevent slip after installation. Complete adjustability over 220° of vertical adjustment.

Lens

Tempered, low-iron, soda-lime glass lens with shock resistance and high tolerance for thermal expansion and stress.

Finish

Durable polyester TGIC powder coat finish, providing superior outdoor weathering in all conditions. Tested to ASTM standards.

Hardware

Stainless steel angle lock screw. Includes 10" (254 mm) ABS slotted installation spike.

Ambient Operating

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

Control

ZD option utilizes Luxor technology to zone light fixtures in up to 250 groups, and dim each group in 1% increments between 0 and 100%. An installed Luxor controller is required to perform these actions.

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. Use waterproof, weather resistant wire connectors.

Surge Protection

Lamp protected up to 0.58 kV.

Manufacturing

ISO 9001:2015 certified facility. Fixture assembled in Mexico; lamp made in China.

Compliance

UL 1838, UL 1993, CSA C22.2 No. 250.7, CSA C22.2 No. 1993-12, IEC 60598-1, IEC 60598-2-7, IEC 62838, FCC Part 15, Subpart B, Industry Canada ICES-005, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3.

Default configuration UL-listed. CE approval is met when installed with the ground mount ("GM-XX") or alternate mount greater than or equal to IP65.

Warranty

10-year limited warranty on fixture; 5-year limited warranty on preinstalled FX Luminaire LED lamp.

Listings



RS Up Light ORDERING INFORMATION



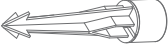




Fixture	Lamp	Shroud	Finish
RS*	<ul style="list-style-type: none"> NL No Lamp Provided 	<ul style="list-style-type: none"> [default] Standard (15°) 	<ul style="list-style-type: none"> BZ Bronze Metallic WG White Gloss
	<ul style="list-style-type: none"> LED20WFL 20W Eq.; 4W, 4.3VA, 2700K, 35° 	<ul style="list-style-type: none"> LS Long (45°) 	<ul style="list-style-type: none"> DG Desert Granite FW Flat White
	<ul style="list-style-type: none"> LED35WFL 35W Eq.; 5W, 5.4VA, 2700K, 35° 		<ul style="list-style-type: none"> WI Weathered Iron AL Almond
	<ul style="list-style-type: none"> LED50WFL 50W Eq.; 6W, 6.5VA, 2700K, 35° 		<ul style="list-style-type: none"> SB Sedona Brown SV Silver
	<ul style="list-style-type: none"> ZD35WFL 35W Eq.; 5W, 5.4VA, 2700K, 35° Zone/Dim 		<ul style="list-style-type: none"> FB Black

EXAMPLE FIXTURE CONFIGURATION: RS-LED35WFL-LS-BZ
 * Ships with Super Slot Spike



RS Up Light ORDERING INFORMATION

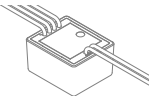
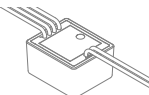
MOUNTING OPTIONS: Specify Separately

Mounts	Code	
SUPER SLOT SPIKE 2.5" (64 mm) x 10" (254 mm)	753900	
PROAIM RATCHETING SPIKE 4.0" (102 mm) x 4.0" (102 mm)	PARS	
SUPER J-BOX 2.5" (64 mm) x 12" (305 mm)	SJ-XX*	
POST MOUNT 2.5" (64 mm) x 13" (330 mm)	PM-XX*	
GROUND MOUNT 2.7" (67 mm) Diameter	GM-XX*	
MINI J-BOX 3.5" (89 mm) x 1.3" (34 mm)	MJ-050-XX*	
MINI MOUNT 2.6" (65 mm) x 1.3" (320 mm)	MM-050-XX	




RISER OPTIONS: Specify Separately

Riser	Code	
RISER 0.8" (21 mm) Diameter	YY-R-XX*	

LUXOR® TECHNOLOGY OPTIONS: Specify Separately

Cubes	Code	
LOW-VOLTAGE CUBE Supports AC dimmable LEDs and incandescent MAX LOAD: 60W/5A	LCM-LV	
RELAY/0-10V CUBE Supports relay switch MAX LOAD: 250VAC/5A	LCM-RLY-010V	

COUPLING OPTIONS: Specify Separately

Couplings	Code	
STRAIGHT 1.3" (32 mm) x 2.0" (51 mm)	COUP-XX*	
90° ELBOW 1.3" (32 mm) x 2.0" (51 mm)	ELBW-050-XX*	
T-MOUNT 3.0" (76 mm) x 2.2" (57 mm)	TMNT-050-XX*	

LENS ACCESSORIES: Specify Separately

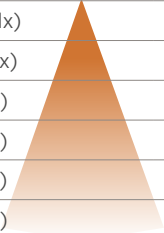
Item	Code	
HEX BAFFLE MR-16 Size	250015260000	
LINEAR SPREAD LENS MR-16 Size	250013550000	
SOLITE SPREAD LENS MR-16 Size	250015240000	

*YY = riser height in inches (6" increments between 6" and 36"; 150 mm increments between 150 mm and 900 mm), XX = finish code

RS Up Light PHOTOMETRICS

RS LED20WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	Foot-candle (lux)	
3' (0.9 m)	84 fc (904 lx)	1.6' (0.5 m)
6' (1.8 m)	21 fc (226 lx)	3.2' (1.0 m)
9' (2.7 m)	9 fc (97 lx)	4.7' (1.4 m)
12' (3.7 m)	5 fc (54 lx)	6.3' (1.9 m)
15' (4.6 m)	3 fc (32 lx)	7.9' (2.4 m)
18' (5.5 m)	2 fc (22 lx)	9.5' (2.9 m)



RS LED35WFL Illuminance at a Distance

Feet (Meters)	Center Beam	Beam Width
	footcandle (lux)	
3' (0.9 m)	94 fc (1,012 lx)	1.7' (0.5 m)
6' (1.8 m)	24 fc (258 lx)	3.4' (1.0 m)
9' (2.7 m)	10 fc (108 lx)	5.1' (1.6 m)
12' (3.7 m)	6 fc (65 lx)	6.8' (2.1 m)
15' (4.6 m)	4 fc (43 lx)	8.4' (2.6 m)
18' (5.5 m)	3 fc (32 lx)	10.1' (3.1 m)

