

## RS Up Light **STANDARD BASE**




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PROJECT

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CATALOG #

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TYPE

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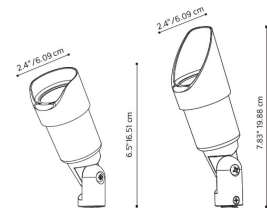
NOTES

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The Core of the FX Up Light Family. The RS allows designers to use different lamps to create custom effects while maintaining consistency in style. With knowledge of the science and art of lighting, a professional designer can choose a lamp source to suit the desired effect or emotional response.

### Quick Facts

- Die-cast zinc/aluminum alloy
- MR-16 lamp type
- ProAim™ adjustability
- TGIC powder coat finish
- Compatible with Luxor® technology
- Input voltage: 10-15V



# RS Up Light SPECIFICATIONS

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

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

# RS 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

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

## 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.

## 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).

## 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.

## Wiring

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

## Sockets

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

## Power

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

## Shroud

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

## Weight

2.6 lbs. (1.2 kg)

## Housing

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

## Lens

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

## 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. Use waterproof, weather resistant wire connectors.

## 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.

## Manufacturing

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






## 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	Compliance	Finish
<b>RS</b>	<b>NL</b> No Lamp	[default]	CE	<b>BZ</b> Bronze Metallic 
	<b>LED20WFL</b> LED 4W (4.3VA) BAB	<b>LS</b> 45° Angled Long Shroud	<b>ULNorth America (UL-listed)</b>	<b>DG</b> Desert Granite 
	<b>LED35WFL</b> LED 5W (5.4VA) FMW			<b>WI</b> Weathered Iron 
	<b>ZD35WFL</b> ZD LED 5W (5.4VA) FMW			<b>SB</b> Sedona Brown 
				<b>FB</b> Black 

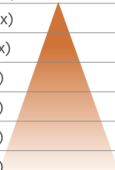


EXAMPLE FIXTURE CONFIGURATION: **RS**-XX-XXXX-XX

# RS Up Light PHOTOMETRICS

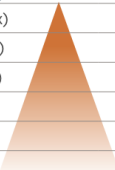
RS LED20WFL Illuminance at a Distance

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)




# RS Up Light ORDERING INFORMATION


## MOUNTING OPTIONS: Specify Separately

Mounts	Catalog No.		Mounts	Catalog No.	
CDS Spike	250011560000		Long Slot Spike	250015840000	
3-Prong Spike	250020020000		Lock Ring	250030410000SP	
Super Slot Spike	753900		Straight Coupling	COUP-XX*	
90-Degree Coupling	ELBW-050-XX*		Gutter Mount, Stainless, 1/2" Thread	GM-SS	
Ground Mount, 1/2" Thread	GM-XX*		Mini J-Box	MJB-050-XX	
Mini Mount	MM-050-XX*		ProAim® Ratcheting Spike	PARS	
Post Mount	PM-XX*		Super J-Box Spike	SJ-XX*	
TreeBox, 1/2" Thread	TB-XX*		T-Mount Coupling, 1/2" Thread	TMNT-050-XX*	
Tree Ring	TR-YY*-6P-XX*		VersaBox, 1/2" Thread	VB-050-XX*	
Variable Height Riser	VHR-UL		Wall Mount Knuckle	WM-XX*	
Single-Gang Wall Plate, 1/2" Thread	WP-1G-050-XX*		Round Wall Plate, 1/2" Thread	WP-RD-050-XX*	
Sign Light Riser, Aluminum	YY*-R-SL-XX*		Aluminum Riser, 3/4"	YY*-R-XX*	

# RS Up Light ORDERING INFORMATION



GLARE OPTIONS: Specify Separately


Glare	Catalog No.	
Hex Baffle, MR-16	250015260000	

Glare	Catalog No.	
Recessor Ring, MR-16	RR-MR16	

# RS Up Light ORDERING INFORMATION

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	



# RS Up Light ORDERING INFORMATION

SPLICING OPTIONS: Specify Separately

Splicing	Catalog No.		Splicing	Catalog No.	
Wire Connectors, Wire Nut Tubes (100 bulk)	DBRY-100		Wire Connectors, Wire Nut Tubes (2-pack)	DBRY-2X25	