Designer™ RC Down Lights



PROJECT NAME

TYPE

CATALOG #

QUANTITY

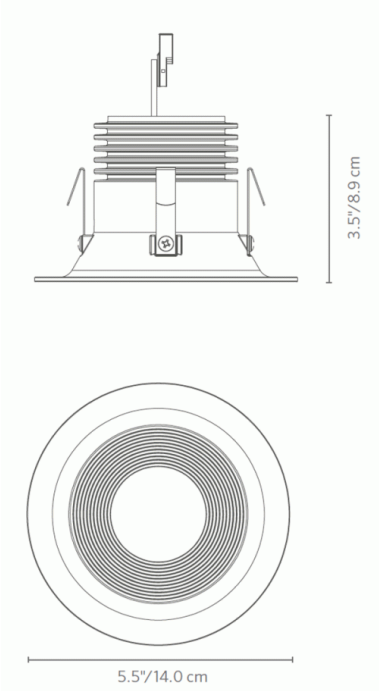
NOTES

With a cylindrical design, the top-mounted RC is a recessed down light that enhances architectural features, such as stonework, brick, and siding.

Quick Facts

- Built with durable, lightweight aluminum housing that withstands any weather condition
- Slim, unobtrusive low-profile design offers minimalist aesthetics to accommodate other elements inside the wall
- 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 and dynamic RGBW color-changing options
- Available in a wide range of powder-coated finishes to suit all exterior designs and preferences
- Fits standard 4" (102 mm) housings

RC Dimensions



RC Spec Chart

Output	3LED	6LED	9LED	ZDC
Total Lumens†	261	413	722	180-425
Input Voltage	10 to 15V	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	4.2	7.8	11.2	5.3
VA	4.5	9.2	13.5	5.7
Efficacy (Lumens/Watt)	64	53	62	34
Color Rendering Index (CRI)	82	80	80	80
Center Beam Candlepower*	1,045	2,438	8,294	205
Dimming	PWM, Phase**	PWM, Phase**	PWM, Phase**	PWM, Phase**
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)	50,000 Hrs	50,000 Hrs	50,000 Hrs	50,000 Hrs

* Information not available for Flood or Wide Flood.
** 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 A380 aluminum body and shroud with stainless steel setscrews, mounting brackets, and fasteners.
Optics	Polycarbonate color temperature adjustment lenses included with luminaire: 2,700K (preinstalled), 3,900K (no lens) 4,500K, and 5,200K. Interchangeable optics for 10°, 20°, 30°-32°, or 55-58° distributions ordered preassembled to luminaire. Color temperature and beam angle lenses field serviceable. For additional color filters, spread lenses, hex baffles, etc., use MR- 16 sized accessories (MR-16: 1.95"/49.5 mm dia. x 1.1 mm thickness). Beam angle is calculated using LM-79 method for SSL luminaires.
Finish	Two-layer protection of sulfuric acid anodization and polyester TGIC powder coat, providing superior outdoor weathering in all conditions. Tested to ASTM standards.
Hardware	Stainless steel machine screws.
Wiring	18 AWG SPT-1W 105°C 300V; 6" length.
Sockets	Socket contains MoistureBlock™ technology, preventing moisture from wicking up into sealed areas of the luminaire.
Weight	1.2 lbs.
Ambient Operating Temperature	40°F to 140°F (-40°C to 60°C)

SUSTAINABILITY & MANUFACTURING

Installation Requirements	Designed for installation in the downward lighting direction only.
Warranty	5-year limited warranty

LISTINGS

ADDITIONAL CERTIFICATIONS

UL 1598C, UL 2108

Model Configurator

RC					
MODEL	LIGHTING ENGINE	LUXOR CONTROL	POWER	LED COLOR	FINISH

LIGHTING ENGINE

- ☐ **Powerboard Integrated LED**

LUXOR CONTROL

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

POWER

- ☐ **3LED**
  4.5 VA
- ☐ **6LED**
  9.3 VA
- ☐ **9LED**
  12.2 VA
- ☐ **[Default]**
  Default ZDC Option 6.0W/7.2VA

LED COLOR

- ☐ **[Default]**
  Warm (2700K)

FINISH

- **BZ** Bronze Metallic
- **FB** Black
- **SB** Sedona Brown
- **DG** Desert Granite
- **WI** Weathered Iron
- **FW** Flat White
- **SV** Silver

Accessories

MOUNTING



CANR4RICAT

POWER



ST-UV
Step-Down Transformer, UV (120/277 V to 12 V)