



Ultra high output, high efficiency LED floodlight with twistlock photocell. Available with wide NEMA type 6H x 6V beam spread. Patent Pending airflow technology ensures long LED and driver lifespan. Use for general and security lighting for large areas, building facades, signs and landscapes.

Color: Bronze

Weight: 25.0 lbs

Project:

Type:

Prepared By:

Date:

## Driver Info

Type: Constant Current  
120V: 0.89A  
208V: 0.58A  
240V: 0.50A  
277V: 0.44A  
Input Watts: 107W  
Efficiency: 98%

## LED Info

Watts: 105W  
Color Temp: 4000K  
Color Accuracy: 71 CRI  
L70 Lifespan: 100000  
Lumens: 13939  
Efficacy: 131 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for ground mounting.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P0000175Z

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### LEDs:

Multi-chip, high-output, long-life LEDs

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Effective Projected Area:

EPA = 2

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Thermal Management:

Superior thermal management with external "Air-Flow" fins.

#### Lens:

Tempered glass lens.

#### Housing:

Die-cast aluminum housing and door frame

#### Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

#### Reflector:

Specular, vacuum-metalized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high-durability and long lasting color.

#### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Electrical

#### Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

#### THD:

6.6% at 120V, 10.2% at 277V

#### Power Factor:

99.4% at 120V, 91.6% at 277V

#### Photocell:

120-277V twistlock photocell included. Photocell is compatible with 120V - 277V.

### Optical

#### NEMA Type:

NEMA Beam Spread of 6H x 6V

### Sensor Characteristics

#### Field & Beam Angles:

Horizontal Beam Angle (50%): 91.8°, Vertical Beam Angle (50%): 73.5° Horizontal Field Angle (10%): 121.0°, Vertical Field Angle (10%): 108.0°

Technical Specifications (continued)

**Other**

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

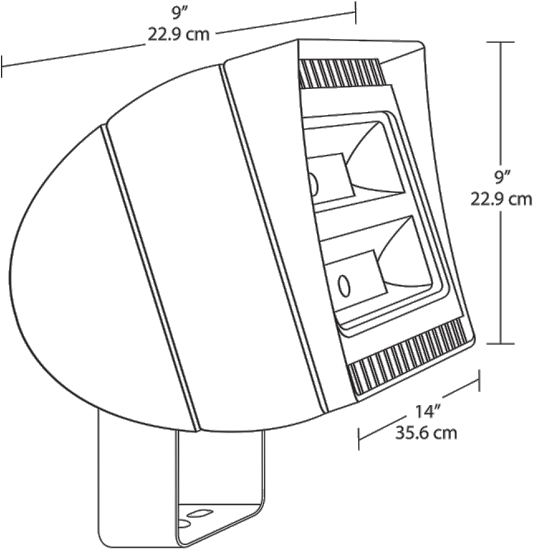
**Patents:**

The design of FXLED105 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 100,000 hour life based on LM-80 tests
- Air-flow technology heatsink
- 5-year warranty
- Twistlock Photocell

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Photocell Options
FXLED	105	T	N			/PCT
	78 = 78W 105 = 105W 125 = 125W 150 = 150W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze W = White	/480 = 480V  /BL = Bi-Level (Slipfitter models only) /D10 = 0-10V Dimming (78W, 125W and 150W only)	Blank = No Option /PCT = 100-277V Twistlock /PCT4 = 480V Twistlock