



Color: White

Weight: 25.0 lbs

**Project:****Type:****Prepared By:****Date:****Driver Info**

Type	Constant Current
120V	0.92A
208V	0.53A
240V	0.46A
277V	0.40A
Input Watts	110.8W

**LED Info**

Watts	105W
Color Temp	4000K (Neutral)
Color Accuracy	74 CRI
L70 Lifespan	100,000 Hours
Lumens	14,294
Efficacy	129 lm/W

**Technical Specifications****Listings****UL Listed:**

Suitable for wet locations. Suitable for ground mounting.

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

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: P0000175Z

**Performance****Lifespan:**

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

**Construction****IP Rating:**

Ingress Protection rating of IP66 for dust and water

**EPA:**

2

**Maximum Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

**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

## Technical Specifications (continued)

### Construction

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Electrical

#### Drivers:

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

#### THD:

2.81% at 120V, 6.47% at 277V

#### Power Factor:

99.8% at 120V, 95.1% at 277V

### Note:

All values are typical (tolerance +/- 10%)

### LED Characteristics

#### 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 color temperature over a 5-year period

#### Color Uniformity:

RAB's range of 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.

### Optical

#### NEMA Type:

NEMA Beam Spread of 6H x 6V

### Sensor Specifications

#### 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°

### Other

#### Equivalency:

Replaces 320W Metal Halide

#### 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. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

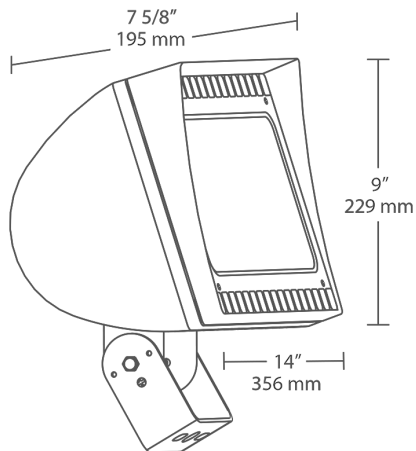
#### Patents:

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

- 66% energy cost savings vs. HID
- NEMA Type - 6H x 6V
- "Air-Flow" technology heat dissipation
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Wattage	Mounting	Color Temp	Finish	Driver	Options	Other Option
FXLED	105	T	N	W			
	<b>78</b> = 78W <b>105</b> = 105W <b>125</b> = 125W <b>150</b> = 150W	<b>SF</b> = Slipfitter <b>T</b> = Trunnion	<b>Blank</b> = 5000K (Cool) <b>N</b> = 4000K (Neutral) <b>Y</b> = 3000K (Warm)	<b>Blank</b> = Bronze <b>W</b> = White	<b>Blank</b> = Standard <b>/D10</b> = 0-10V Dimming <b>/BL</b> = Bi-Level <b>/480</b> = 480V	<b>Blank</b> = No Option <b>/LC</b> = Lightcloud® Control <b>/PCT</b> = 100-277V Twistlock <b>/PCT4</b> = 480V Twistlock	<b>Blank</b> = Standard <b>USA</b> = BAA Compliant