# FXLED105TYW/D10/LC

**RAB**

Color: White                     Weight: 0.0 lbs

## Driver Info

| | | **LED Info** | |
|---|---|---|---|
| Type | Constant Current | Watts | 105W |
| 120V | 0.89A | Color Temp | 3000K (Warm) |
| 208V | 0.58A | Color Accuracy | 71 CRI |
| 240V | 0.50A | L70 Lifespan | 100,000 |
| 277V | 0.44A | Lumens | 14,543 |
| Input Watts | 107.9W | Efficacy | 134.8 lm/W |

## Technical Specifications

### Lightcloud

**Lightcloud Controller Installed:**

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more about Lightcloud.

### 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 on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PUG7FZH6

### LED Characteristics

**Lifespan:**

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

**LEDs:**

Multip-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.

### Construction

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**EPA:**

2

**Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F)

**Effective Projected Area:**

EPA = 2

**Cold Weather Starting:**

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

## Technical Specifications (continued)

### Construction

**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.

### 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

**Note:**

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

### 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.

**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.

## Ordering Matrix

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