# FXLED200TB33W/LC





Project:		Туре:			
Prepared	By:	Date:			
Driver Info		LED Info			
Туре:	Constant Current	Watts:	200W		
120V:	1.72A	Color Temp:	5000K		
	1.03A	Color Accuracy:	72 CRI		
208V:					
208V: 240V:	0.89A	L70 Lifespan:	100000		
	0.89A 0.77A	L70 Lifespan: Lumens:	100000 24,430		
240V:					

# **Technical Specifications**

# Lightcloud

## Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

# Listings

# **UL Listing:**

Suitable for wet locations. Suitable for ground mounting.

# IESNA LM-79 & LM-80 Testing:

RAB LED luminaries 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: PWSUCCDV

### Electrical

# Drivers:

Constant Current, 700mA, 50/60 Hz, 120-277V, 4 kV surge protection, 120V: 1.72A, 208V: 1.03A, 240V: 0.89A, 277V: 0.277A, THD <20%, Power Factor: 99%

THD:

4.6% at 120V, 11% at 277V

# Optical

# NEMA Type:

NEMA Beam Spread of 3H x 3V

## **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

# **Technical Specifications (continued)**

#### Other

# **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# **Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### **Color Consistency:**

7-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 C78.377-2011.

# 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 = 4

# Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

#### Housing:

Die-cast aluminum housing and door frame

#### Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

#### **Reflector:**

Specular and semi-specular vacuum metalized polycarbonate

# Gaskets:

High-temperature silicone gaskets

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

# Green Technology:

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

# Other

#### **Replacement:**

The FXLED200 replaces 400W Metal Halide Floodlights.

### 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.

### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

# GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.



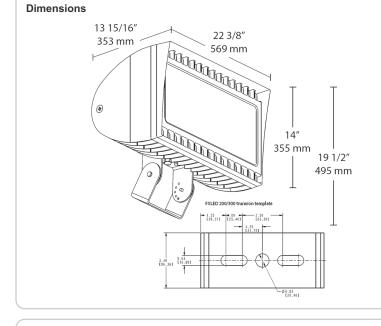
# FXLED200TB33W/LC



#### Features

- 200W replaces 400 MH floodlights
- 100,000-hour LED lifespan
- 5-year No Compromise Warranty
- Built in support Lightcloud™

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD



# **Ordering Matrix**

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Lightcloud
FXLED	200	Т		B33	W		/LC
	<b>200</b> = 200W	SF = Slipfitter	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = No Dimming	/LC = Lightcloud
		T = Trunnion	Y = 3000K (Warm)	<b>B64</b> = 6H x 4V	W = White	/D10 = Dimmable	
			N = 4000K (Neutral)	<b>B55 =</b> 5H x 5V			
				<b>B46</b> = 4H x 6V			
				<b>B44</b> = 4H x 4V			
				<b>B33</b> = 3H x 3V			