# FXLED300SFYW/D10/LC





Project:		Type: Date:			
Prepared	By:				
Driver Info		LED Info			
Туре:	Constant Current	Watts:	300W		
120V:	2.69A	Color Temp:	3000K		
208V:	1.57A	Color Accuracy:	81 CRI		
240V:	1.36A	L70 Lifespan:	100000		
277V:	1.18A	Lumens:	32,602		
Input Watts:	315W	Efficacy:	104 LPW		
Efficiency:	95%				

Color: White

Weight: 66.1 lbs

# **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: P4V23CRB

Electrical

# Drivers:

Constant Current, 1050mA, 50/60 Hz, 120-277V, 4 kV surge protection, 120V: 2.69A, 208V: 1.57A, 240V: 1.36A, 277V: 1.18A, THD <20%, Power Factor: 99%

#### THD:

6.9% at 120V, 10.8% at 277V

#### **Dimming Driver:**

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### Optical

NEMA Type:

NEMA Beam Spread of 7H x 6V

#### **LED Characteristics**

#### Lifespan:

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

# **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.

## Country of Origin:

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

# **Buy American Act Compliant:**

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

#### 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 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 Slipfitter for 2 3/8"OD pipe.

#### 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

#### California Title 24:

FXLED300SF/D10 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture > 30 Watts mounted up to 24 feet when used with the RAB Stealth Dimmer.

#### **Replacement:**

The FXLED300 replaces 1000W Metal Halide Floodlights.

## **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).

#### 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:

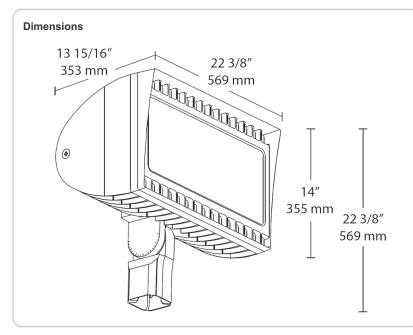
Suitable in accordance with FAR Subpart 25.4.

#### American Bureau of Shipping (ABS) :

For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.



# FXLED300SFYW/D10/LC



# Features

300W replaces 1000 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	ζ.						
Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Lightcloud
FXLED	300	SF	Y		W	/D10	/LC
	<b>300</b> = 300W	SF = Slipfitter	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = No Dimming	/LC = Lightcloud
		T = Trunnion	<b>Y</b> = 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			

