FXLED300T/480

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	315W
Efficiency:	95%

LED Info

Watts:	300W
Color Temp:	5000K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	38292
Efficacy:	122 LPW

Ultra high output, high efficiency LED floodlight with NEMA Types: 7H x 6V, 6H x 4V, 4H x 6V, 5H x 5V and 3H x 3V. 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: 66.1 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for ground mounting.

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: PD4SQM1R

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.

Electrical

Drivers:

Constant Current, 1050mA, 50/60 Hz, 347-480V, 4 kV surge protection, 480V: 0.70A, THD <20%, Power Factor: 99%

Ballast Volts:

480V

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.

LEDs:

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

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 C78.377-2015.

Replacement:

Replaces 1000W Metal Halide

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

SuitableFor use in 40°C (104°F) ambient temperatures

Effective Projected Area:

EPA = 4

Cold Weather Starting:

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:

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.

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.

American Bureau of Shipping (ABS) :

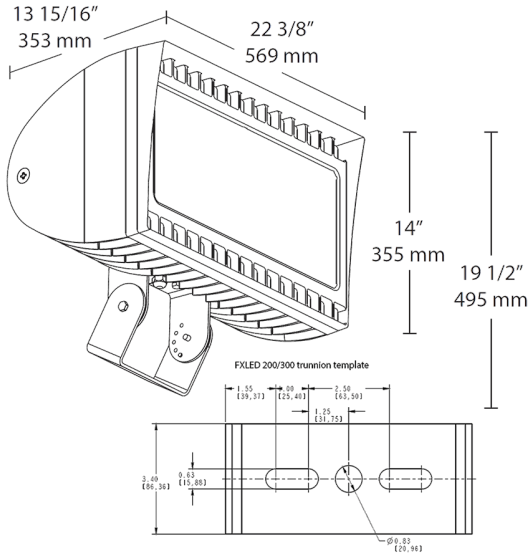For use on Mobile Offshore Drilling Units (MODU) and shipping vessels.

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.

FXLED300T/480

Dimensions

13 15/16″
353 mm

22 3/8″
569 mm

14″
355 mm

19 1/2″
495 mm

FXLED 200/300 trunnion template

Features

- 300W replaces 1000 MH floodlights
- 100,000-hour LED lifespan
- 5-year No Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver Options	Options
FXLED	300	T				/480	
	200 = 200W	**SF** = Slipfitter	**Blank** = 5000K (Cool)	**Blank** = 7H x 6V	**Blank** = Bronze	**Blank** = 120V	**Blank** = No option
	300 = 300W	**T** = Trunnion	**N** = 4000K (Neutral)	**B64** = 6H x 4V	**W** = White	**/480** = 480V	**/PCS** = 120V Swivel
			Y = 3000K (Warm)	**B55** = 5H x 5V		**/BL** = Bi-Level (Slipfitters only)	**/PCS2** = 277V Swivel
				B33 = 3H x 3V		**/D10** = 0-10V Dimming	**/PCT** = 120-277V Twistlock
				B46 = 4H x 6V			**/PCT4** = 480V Twistlock
							/PCS4 = 480V Swivel
							/LC = Lightcloud Controller

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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