FXLED300SFYW

RAB | Outdoor

Project:	Type:
Prepared By:	Date:

Driver Info

		### LED Info	
Type:	Constant Current	Watts:	300W
120V:	2.65A	Color Temp:	3000K (Warm)
208V:	1.59A	Color Accuracy:	81 CRI
240V:	1.38A	L70 Lifespan:	100,000
277V:	1.17A	Lumens:	32602
Input Watts:	315W	Efficacy:	104 LPW
Efficiency:	95%		

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: White   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: PYBRAHYZ

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.

Electrical

Drivers:

Constant Current, 1050mA, 50/60 Hz, 120-277V, 4 kV surge protection, 120V: 2.65A, 208V: 1.59A, 240V: 1.38A, 277V: 1.17A, THD <20%, Power Factor: 99%

THD:

6.9% at 120V, 10.8% at 277V

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

Note:

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

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 C78.377-2017.

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:

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 Slipfitter for 2 3/8"OD pipe

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.

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. RAB's warranty is subject to all terms and conditions found at

American Bureau of Shipping (ABS) :

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

FXLED300SFYW

Technical Specifications (continued)

Other

Replacement:

Replaces 1000W Metal Halide

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.

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	Other Options
FXLED	300	SF	Y	^	W	^	^	^
	200 = 200W	**SF** = Slipfitter	**Blank** = 5000K (Cool)	**Blank** = 7H x 6V	**Blank** = Bronze	**Blank** = 120-277V	**Blank** = No option	**USA** = BAA Compliant
	300 = 300W	**T** = Trunnion	**N** = 4000K (Neutral)	**B64** = 6H x 4V	**W** = White	**/480** = 480V	**/PCS** = 120V Swivel	**Blank** = Standard
			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@rablighting.com** Website: **www.rablighting.com**

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