



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

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	300W
120V:	2.69A	Color Temp:	4000K
208V:	1.57A	Color Accuracy:	82 CRI
240V:	1.36A	L70 Lifespan:	100000
277V:	1.18A	Lumens:	34,800
Input Watts:	316W	Efficacy:	110 LPW
Efficiency:	95%		

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations. Suitable for ground mounting.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires 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, 120-277V, 4 kV surge protection, 120V: 2.69A, 208V: 1.57A, 240V: 1.36A, 277V: 1.18A, THD <20%, Power Factor: 99%

#### THD:

7.0% at 120V, 11.0% at 277V

#### Photocell:

120V-277V Twistlock Photocell Included. Photocell is compatible with 120V-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:

Multi-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 warranted 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 FXLED300 replaces 1000W 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.

#### Buy American Act Compliant:

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

## Technical Specifications (continued)

### Other

#### 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.

### Dimensions



### Features

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

### Ordering Matrix

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell	Bi-Level
FXLED									
	<b>300</b> = 300W	<b>SF</b> = Slipfitter <b>T</b> = Trunnion	<b>Blank</b> = 5000K (Cool) <b>Y</b> = 3000K (Warm) <b>N</b> = 4000K (Neutral)	<b>Blank</b> = 7H x 6V <b>B64</b> = 6H x 4V <b>B55</b> = 5H x 5V <b>B46</b> = 4H x 6V <b>B44</b> = 4H x 4V <b>B33</b> = 3H x 3V	<b>Blank</b> = Bronze <b>W</b> = White	<b>Blank</b> = No Dimming <b>/D10</b> = Dimmable	<b>Blank</b> = 120-277V <b>/480</b> = 480V	<b>Blank</b> = No Photocell <b>/PCS</b> = 120V Swivel <b>/PCS2</b> = 277V Swivel <b>/PCS4</b> = 480V Swivel <b>/PCT</b> = 120-277V Twistlock <b>/PCT4</b> = 480V Twistlock	<b>Blank</b> = No Bi-Level <b>/BL</b> = Bi-Level