FFLED120TYW/480/D10/SP

RAB LIGHTING

Rectangular shaped LED floodlight with patent pending airflow fins to keep it running cool. Suggested application: building facades, signage, landscapes.

Color: White   Weight: 21.6 lbs

Project:		Type:
Prepared By:		**Date:**

Driver Info

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

LED Info

Watts:	120W
Color Temp:	3000K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	16278
Efficacy:	136 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PEDY8ZH3

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 received the Department of Energy "Lighting Facts" label.

Electrical

Driver:

Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.27A

Dimming Driver:

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

THD:

9.2% at 480V

Power Factor:

93.3% at 480V

Surge Protection:

10kV

LED Characteristics

LEDs:

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

Lifespan:

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

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 (SSL) Products, ANSI C78.377-2015.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

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

Thermal Management Housing:

Superior heat sinking with external Air-Flow fins.

Housing:

Die-cast aluminum housing, lens frame and mounting arm.

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware.

Lens:

Clear glass lens

Reflector:

Specular vacuum metalized polycarbonate

Effective Projected Area:

EPA = 1.1

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.

Optical

NEMA Type:

NEMA Beam Spread of 7H x 6V

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.
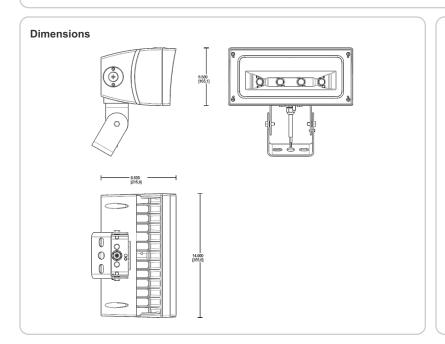
Technical Specifications (continued)

Other

Patents:

The FFLED design is protected by U.S. Pat. D643,147, Canada Pat. 140798, China Pat. ZL201130171304.1, Mexico Pat. 36757 and pending patent in Taiwan.

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.

Dimensions

6.500 [165,1]

8.500 [215,9]

14.000 [355,6]

Features

Ultra efficient LED and optical design

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

5-year warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Voltage	Driver	Options
FFLED	120	T	Y		W	/480	/D10	/SP
	120 = 120W	**SF** = Slipfitter **T** = Trunnion	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = 7H x 6V	**Blank** = Bronze **W** = White	**Blank** = 120-277V **/480** = 480V	**/D10** = 0-10V Dimming (standard)	**Blank** = No Option **/7PR** = 7PIN Receptacle **/PCT** = 120-277V 3PIN Twistlock Photocell **/PCT4** = 480V 3PIN twistlock Photocell **/LC** = Lightcloud Controller (120-277V only) **/SP** = 10KV Surge Suppresor

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

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