FFLED120SFW/D10/LC

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	1.01A
208V:	0.63A
240V:	0.54A
277V:	0.46A
Input Watts:	119W
Efficiency:	N/A

LED Info

Watts:	120W
Color Temp:	5000K
Color Accuracy:	75 CRI
L70 Lifespan:	100000
Lumens:	16106
Efficacy:	136 LPW

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

Color: White   Weight: 20.6 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 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: PN7YOAO5

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, 120-277V, 50/60 Hz, 120V: 1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

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:

7% at 120V, 14% at 277V

Power Factor:

99.6% at 120V, 92.6% at 277V

Surge Protection:

4kV

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 -35°C (-31°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 Slipfitter for 2 3/8"OD pipe.

Lens:

Clear glass lens

Reflector:

Specular vacuum metalized polycarbonate

Effective Projected Area:

EPA = 1.3

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

Technical Specifications (continued)
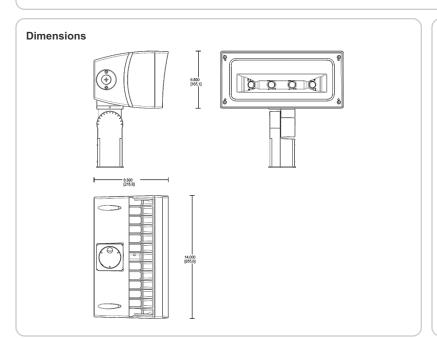
Other

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.

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

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	SF			W		/D10	/LC
	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**

Page 2 of 2