FFLED120SFNW/D10/LC





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

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	120W	
120V:	1.01A	Color Temp:	4000K	
208V:	0.63A	Color Accuracy:	75 CRI	
240V:	0.54A	L70 Lifespan:	100000	
277V:	0.46A	Lumens:	16149	
Input Watts:	120W	Efficacy:	134 LPW	
Efficiency:	N/A			

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: PMT8V3FL

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:

8.2% at 120V, 15.2% at 277V

Power Factor:

99.3% at 120V, 92.7% at 277V

Surge Protection:

4kV

LED Characteristics

I FDe

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:

Ordering Matrix

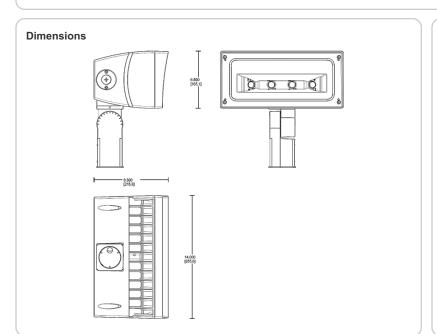
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

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.



Features

Ultra efficient LED and optical design

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

5-year warranty

3								
Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Voltage	Driver	Options
FFLED	120	SF	N		W		/D10	/LC
	120 = 120W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral)	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
			Y = 3000K (Warm)					/PCT4 = 480V 3PIN twistlock Photocell /LC = Lightcloud Controller (120-

277V only)
/SP = 10KV Surge Suppresor