



Rectangular-shaped LED floodlight with patent-pending "Air-Flow" fins to keep it running cool. Suggested application: building façades, signage, landscapes.

Color: Bronze

Weight: 20.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

LED Info

Type	Constant Current	Watts	120W
120V	1.01A	Color Temp	5000K (Cool)
208V	0.63A	Color Accuracy	75 CRI
240V	0.54A	L70 Lifespan	100,000
277V	0.46A	Lumens	14,003
Input Watts	122.2W	Efficacy	114.6 LPW
Efficiency	98%		

Technical Specifications

Listings

UL Listing:

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

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.

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: PFL29044

Electrical

Dimming Driver:

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

Surge Protection:

6kV

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

THD:

7.3% at 120V, 14.3% at 277V

Power Factor:

99.4% at 120V, 92.6% at 277V

LED Characteristics

Note:

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

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 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 (SSL) Products, ANSI C78.377-2017.

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:

Suitable For use in 40°C (104°F)

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

Technical Specifications (continued)

Construction

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.

Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V

Other

Equivalency:

Equivalent to 750W Pulse Start Metal Halide

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 rablighting.com/warranty.

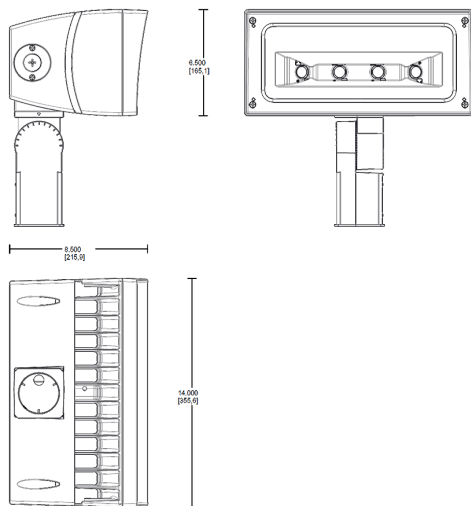
Patents:

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 results and TM-21 calculations
- "Air-Flow" technology heatsink
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FFLED	120	SF		B44		/D10	
	120 = 120W	SF = Slipfitter T = Trunnion	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = 7H x 6V B55 = 5H x 5V B44 = 4H x 4V	Blank = Bronze W = White	/D10 = 0-10V Dimming (120-277V) /480/D10 = 0-10V Dimming (480V)	/LC = Lightcloud® Controller (120-277V only) /SP = 10kV Surge Suppressor Blank = No Option /7PR = 7-Pin Receptacle /PCT = 120-277V 3-Pin Twistlock Photocell /PCT4 = 480V 3-Pin Twistlock Photocell