



Rectangular shaped LED floodlight designed to replace 150W Metal Halide. patent-pending "Air-Flow" technology ensures long LED and driver lifespan. Use for building façades lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze

Weight: 13.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current	Watts	39.00W
120V	N/A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	72 CRI
240V	N/A	L70 Lifespan	100,000
277V	N/A	Lumens	5,250
Input Watts 40.70W		Efficiency	129 LPW
		Efficiency	96%

LED Info

Technical Specifications

Listings

UL Listed:

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

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PKK3ZCF8

LED Characteristics

Lifespan:

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

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 C78.377-2017.

Electrical

Driver:

Constant Current, Class 2, 480V, 50-60Hz, 480V: 0.12A

THD:

5.77% at 480V

Power Factor:

96.3% at 480V

Note:

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

Construction

Lens:

Soda lime silica clear glass

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

IP Rating:

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Cold Weather Starting:

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

Effective Projected Area:

EPA = 0.65

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)**Optical****NEMA Type:**

NEMA Beam Spread of 4H x 4V

Other**Warranty:**

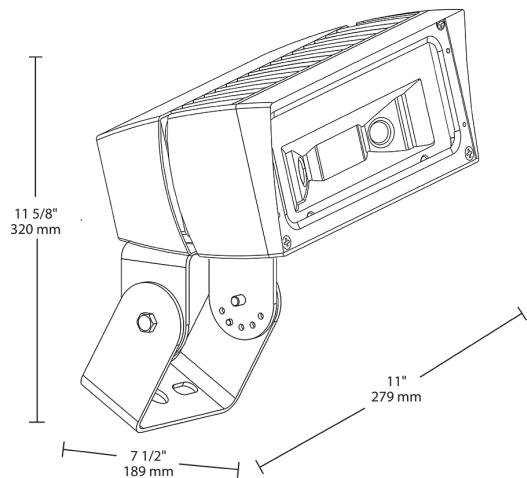
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions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

Replaces 150W MH floodlights

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	NEMA Type	Finish	Driver	Options	Other Options
FFLED	39	T		B44		/480		
18 = 18W		Blank = Swivel Arm	Blank = 5000K (Cool)	Blank = 7H x 6V	Blank = Bronze	Blank = On/Off ¹	Blank = No Option	Blank = Standard
26 = 26W		SF = Slipfitter	N = 4000K (Neutral)	B55 = 5H x 5V	W = White	/D10 = 0-10V Dimming	/PC = 120V Photocell	USA = BAA Compliant
39 = 39W		T = Trunnion	Y = 3000K (Warm)	B44 = 4H x 4V		/480 = 480V On/Off ²	/PC2 = 277V Photocell	
52 = 52W						/E = 120-277V Battery Backup	/PCS = 120V Swivel Photocell	
80 = 80W						/EC = Cold Start Battery Backup	/PCS2 = 277V Swivel Photocell	
							/PCS4 = 480V Swivel Photocell	
							/PCU = 120-277V Button Photocell	
							/MS = Mini Sensor	
							/STL3 = Stealth Sensor	

¹ Dimming Driver for 18W, 26W & 39W models only² Not available for 80W models