FFLED26YB44/PC2



Rectangular shaped LED floodlight designed to replace 100W Metal Halide. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze

Weight: 12.5 lbs

Technical Specifications

Other

FFLED26B44B44 with Photocell:

277V Button Photocell Included. Photocell is compatible with 208V-277V.

Threaded Size:

1/2" threaded arm

Equivalency:

The FFLED26B44 is equivalent in delivered lumens to a 100W Metal Halide.

California Title 24:

FFLED26B44/PC2 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts

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.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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 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.

LED Characteristics

Lifespan:

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

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 C78.377-2008.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A.

Power Factor:

Constant Current

0.24A

0.15A

0.13A

0.11A

31W

84%

99.5% at 120V, 90.8% at 277V

THD:

Project:

Driver Info

Type: 120V:

208V.

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

8.5% at 120V, 11.5% at 277V

Construction

Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management Housing:

Superior heat sinking with external Air-Flow fins.

Housing:

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

Mounting:

Heavy-duty mounting arm with O ring seal & stainless steel screw.

Effective Projected Area:

EPA = 0.65



26W

81 CRI 100,000

2,421

78 LPW

3000K (Warm)

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

FFLED26YB44/PC2



Technical Specifications (continued)

Construction

Reflector:

Specular polycarbonate

Gaskets:

High-temperature silicone gaskets.

Finish:

Green Technology:

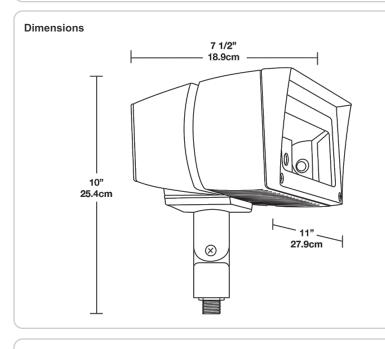
Mercury and UV free.

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V



Features

Ultra efficient LED and optical design Replaces 100W MH floodlights 100,000 hour life based on LM-80 tests Air-flow technology heatsink 5-year warranty

Family	Watts	Mount	Color Temp	Beam Spread	Finish	Dimming	Voltage	Photocell
FFLED								
	26 = 26W	Blank = Arm	Blank = Cool	Blank = 7H x 6V	Blank = Bronze	Blank = No Dimming	Blank = 120-277V	Blank = No Photoce
		T = Trunnion	Y = Warm	B44 = 4H x 4V	W = White	/D10 = Dimmable	/480 = 480 Volt	/PC = 120V Button
		SF = Slipfitter	N = Neutral	B55 = 5H x 5V				/PC2 = 240V Button
								/PCS = 120V Swive
								/PCS2 = 240V Swive