FFLED26YW/480/PCS4

RAB



Rectangular shaped LED floodlight designed to replace 100W Metal Halide. patentpending "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: White

Technical Specifications

Compliance

UL Listed:

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

IP Rating:

Ingress protection rating of IP66 for dust and water

Title 24 Compliant:

An FFLED flood light can be used with a motion sensor or photocell control option to comply with 2016 Title 24 Part 6 Section 130.2 (a,b,c)

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 100W Metal Halide

Other

Note:

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

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 <u>rablighting.com/warranty</u>.

208V

240V

277V

N/A

N/A

N/A

Input Watts 27.4W

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.

Construction

Lens:

Soda lime silica clear glass

Mounting:

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

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Proje	ect:	Туре:	
Prepa	ared By:	Date:	
Driver Ir	nfo	LED Info	
Type 120V	Constant Current N/A	Watts Color Temp	26W 3000K (Warm)

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Color Accuracy 71 CRI

100,000 Hours

3,877 lm

141.5 lm/W

L70 Lifespan

Lumens

Efficacy

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

LED Characteristics

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 color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

FFLED26YW/480/PCS4

RAB

Technical Specifications (continued)

Optical

NEMA Type:

7H x 6V Beam Spread

Electrical

Driver:

Constant Current, Class 2, 480V, 50-60Hz, 480V: 0.06A

Dimming Driver:

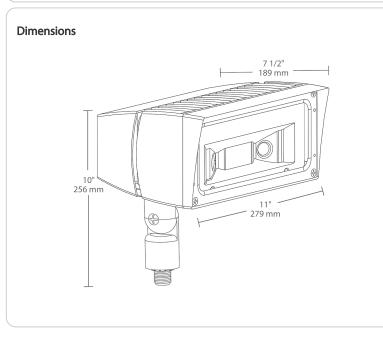
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

5.38% at 480V

Power Factor:

91.5% at 480V



Features

Ultra-efficient LED and optical design Replaces 100W MH floodlights 100,000-hour life based on LM-80 results and TM-21 calculations "Air-Flow" technology heatsink 5-Year, No-Compromise Warranty

FFLED26YW/480/PCS4

RAB

Ordering Matrix											
Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Options	Other Options			
FFLED	26		Y		W	/480	/PCS4				
	18 = 18W 26 = 26W 39 = 39W 52 = 52W 80 = 80W	Blank = Swivel Arm 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	Blank = On/Off ¹ /D10 = 0-10V Dimming /480 = 480V On/Off ² /E = 120-277V Battery Backup /EC = Cold Start Battery Backup	Blank = No Option /PC = 120V Photocell /PC2 = 277V Photocell /PCS = 120V Swivel Photocell /PCS4 = 480V Swivel Photocell /PCU = 120-277V Button Photocell /MS = Mini Sensor /STL3 = Stealth Sensor	Blank = Standard USA = BAA Compliant			
			¹ Dir	mming Driver for ² Not availa	18W, 26W & 39 able for 80W mc	,					