FFLED180TB44W/480/D10/SP

RAB



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

Color: White

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Proje	ect:	Туре:	
Prep	ared By:	Date:	
Driver Ir	nfo	LED Info	
Туре	Constant Current	Watts	180W
120V	N/A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	/ 76 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	25,388 lm

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

Electrical

Driver:

Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.41A

THD:

11.3% at 480V

Power Factor:

94.4% at 480V

Surge Protection: 6kV

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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>.

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.

LED Characteristics

LEDs:

Multi-chip, high-output, long-life LEDs

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.

Efficacy

135.4 lm/W

Performance

Lifespan:

Input Watts 187.5W

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

Wattage Equivalency:

Equivalent to 750W Metal Halide

Optical

NEMA Type: NEMA Beam Spread of 4H x 4V

Construction

Cold Weather Starting: The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

Suitable for use in up to 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

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Technical Specifications (continued)

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

Lens:

Clear glass lens

Reflector:

Specular vacuum-metalized polycarbonate

Effective Projected Area:

EPA = 2.1

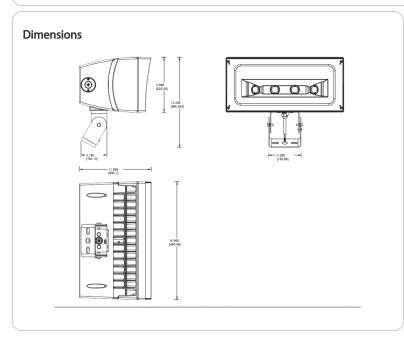
Gaskets: High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.



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

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Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FFLED	180	Т		B44	W	/480/D10	/SP
	180 = 180W 230 = 230W	SF = Slipfitter T = Trunnion	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = 7H x 6V B44 = 4H x 4V B55 = 5H x 5V	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming /480/D10 = 480V w/ 0-10V Dimming	Blank = No Option /7PR = 7-Pin Receptacle /PCT = 3-Pin Twistlock Photocell 120-277V /PCT4 = 3-Pin Twistlock Photocell 480V /LC = Lightcloud® Controlle /SP = 10kV Surge Suppress