FFLED180TY/D10/LC



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

Color: Bronze

Weight: 41.2 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	1.58A
208V	0.94A
240V	0.82A
277V	0.69A
Input Watts	186.5W

LED Info

Watts	180W
Color Temp	3000K (Warm)
Color Accuracy	72 CRI
L70 Lifespan	100,000 Hours
Lumens	26,951
Efficacy	144.5 lm/W

Technical Specifications

Lightcloud

Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more about Lightcloud.

Listings

UL Listed:

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: P2E468FX

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.

Performance

Lifespan:

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

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 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

Mounting:

Heavy-duty Trunnion mount with stainless steel hardware

Copyright © 2020 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

Construction

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.

Optical

NEMA Type:

NEMA Beam Spread of 4H x 4V

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.58A, 208V: 0.94A, 240V: 0.82A, 277V: 0.69A

THD:

6% at 120V, 8.7% at 277V

Power Factor:

99.8% at 120V, 96.2% at 277V

Surge Protection:

6kV

Other

Equivalency:

Equivalent to 750W 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.

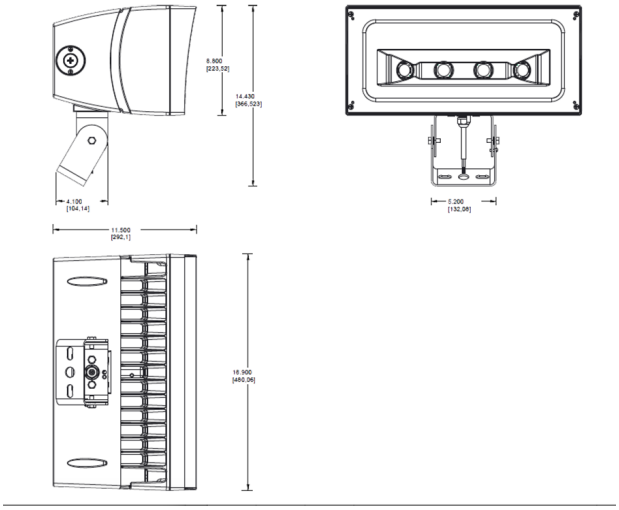
Patents:

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 and 10-Year, No-Compromise Lightcloud Warranty

Copyright © 2020 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

FFLED180TY/D10/LC

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FFLED	180	T	Y			/D10	/LC
	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® Controller **/SP =** 10kV Surge Suppressor

Copyright © 2020 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice