FFLED180TN/D10/PCT

RAB®

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

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

Driver Info

Type	Constant Current
120V	1.58A
208V	0.94A
240V	0.82A
277V	0.69A
Input Watts	187.8W

LED Info

Watts	180W
Color Temp	4000K (Neutral)
Color Accuracy	74 CRI
L70 Lifespan	100,000 Hours
Lumens	28,082
Efficacy	149.5 lm/W

Technical Specifications

Compliance

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.

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

Photocell:

120-277V twistlock photocell included. Photocell is compatible with 120-277V.

Note:

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

Surge Protection:

6kV

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)

Technical Specifications (continued)

Construction

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

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 7H x 6V

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.
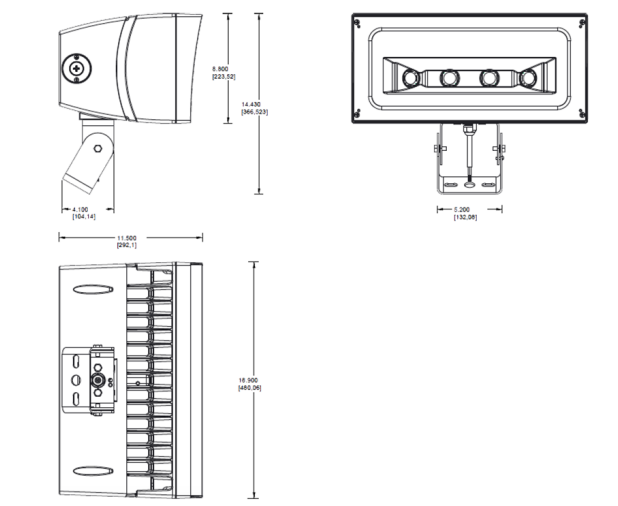
Buy American Act Compliance:

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.

Listings

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: PT4BLCY1

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

Ordering Matrix

Family	Wattage	Mounting	Color Temp	Beam Spread	Finish	Driver Options	Options
FFLED	180	T	N			/D10	/PCT
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

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

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