



Rectangular shaped LED floodlight with patent pending airflow fins to keep it running cool. Suggested application: building facades, signage, landscapes.

Color: Bronze

Weight: 41.2 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 180W    |
| 120V:        | N/A              | Color Temp:     | 5000K   |
| 208V:        | N/A              | Color Accuracy: | 76 CRI  |
| 240V:        | N/A              | L70 Lifespan:   | 100000  |
| 277V:        | N/A              | Lumens:         | 28059   |
| Input Watts: | 188W             | Efficacy:       | 150 LPW |
| Efficiency:  | 96%              |                 |         |

## Technical Specifications

### 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.

#### 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: PM52CUB4

### Electrical

#### Driver:

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

#### Dimming Driver:

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

#### THD:

11.3% at 480V

#### Power Factor:

94.4% at 480V

#### Photocell:

480V twistlock photocell included. Photocell is only compatible with 480V.

#### Surge Protection:

4kV

### LED Characteristics

#### LEDs:

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

#### Lifespan:

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

#### Color Stability:

LED color temperature is warranted 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 C78.377-2017.

### 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 40°C (104°F) ambient temperatures.

#### 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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Optical

#### NEMA Type:

NEMA Beam Spread of 7H x 6V

## Technical Specifications (continued)

### Other

#### 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.

#### 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 tests
- Air-flow technology heatsink
- 5-year warranty

### Ordering Matrix

| Family | Wattage                  | Mounting                        | Color Temp  | Beam Option     | Finish                      | Driver   | Options  |
|--------|--------------------------|---------------------------------|---|-----------------|-----------------------------|--|--|
| FFLED  | 180                      | T                               |   |                 |                             | /480/D10   | /PCT4  |
|        | 230 = 230W<br>180 = 180W | SF = Slipfitter<br>T = Trunnion | Blank = 5000K (Cool)<br>N = 4000K (Neutral)<br>Y = 3000K (Warm) | Blank = 7H x 6V | Blank = Bronze<br>W = White | /D10 = 120-277V, 0-10V Dimming<br>/480/D10 = 480V w/ 0-10V Dimming | Blank = No Option<br>/7PR = 7 Pin Receptacle<br>/PCT = 3 Pin Twistlock Photocell 120-277V<br>/PCT4 = 3 Pin Twistlock Photocell 480V<br>/LC = Lightcloud® Controller<br>/SP = 10KV Surge Suppressor |