



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

Color: White

Weight: 20.6 lbs

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

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 120W    |
| 120V:        | 1.01A            | Color Temp:     | 5000K   |
| 208V:        | 0.63A            | Color Accuracy: | 75 CRI  |
| 240V:        | 0.54A            | L70 Lifespan:   | 100000  |
| 277V:        | 0.46A            | Lumens:         | 16106   |
| Input Watts: | 119W             | Efficacy:       | 136 LPW |
| Efficiency:  | N/A              |                 |         |

## Technical Specifications

### Listings

#### UL Listing:

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

#### 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: PN7Y0AO5

#### 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.

### Electrical

#### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.01A, 208V: 0.63A, 240V: 0.54A, 277V: 0.46A

#### 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:

7% at 120V, 14% at 277V

#### Power Factor:

99.6% at 120V, 92.6% at 277V

#### Surge Protection:

4kV

#### Photocell:

120V - 277V 3PIN twistlock photocell included. Photocell is compatible with 120V - 277V.

### 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 C78.377-2015.

### Construction

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Cold Weather Starting:

Minimum starting temperature is -35°C (-31°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 Slipfitter for 2 3/8"OD pipe.

#### Lens:

Clear glass lens

#### Reflector:

Specular vacuum metalized polycarbonate

#### Effective Projected Area:

EPA = 1.3

#### 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 Spread     | Finish                      | Voltage                         | Driver                          | Options   |
|--------|------------|---------------------------------|---|-----------------|-----------------------------|---------------------------------|---------------------------------|---|
| FFLED  | 120        | SF                              |   |                 | W                           |                                 | /D10                            | /PCT  |
|        | 120 = 120W | 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 | Blank = 120-277V<br>/480 = 480V | /D10 = 0-10V Dimming (standard) | Blank = No Option<br>/7PR = 7PIN Receptacle<br>/PCT = 120-277V 3PIN Twistlock Photocell<br>/PCT4 = 480V 3PIN twistlock Photocell<br>/LC = Lightcloud Controller (120-277V only)<br>/SP = 10KV Surge Suppresor |