



Color: Bronze

Weight: 9.4 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                  |
|-------------|------------------|
| Type        | Constant Current |
| 120V        | N/A              |
| 208V        | N/A              |
| 240V        | N/A              |
| 277V        | N/A              |
| Input Watts | 97.8-153.6W      |

LED Info

|                |                   |
|----------------|-------------------|
| Watts          | 150/120/100W      |
| Color Temp     | 3000K/4000K/5000K |
| Color Accuracy | 83-85 CRI         |
| L70 Lifespan   | 100,000 Hours     |
| Lumens         | 14989-22796 lm    |
| Efficacy       | 136.2-165.3 lm/W  |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
150/120/100W (factory default 150W)  
Color Temperature Adjustable:  
3000K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for wet locations

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.

IP Rating:

Ingress protection rating of IP66 for dust and water

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. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-1N30V3

Electrical

Driver:

Constant Current, Class1, 480V, 50/60 Hz:  
150W: 480V: 0.31A  
120W: 480V: 0.25A  
100W: 480V: 0.22A

Dimming Driver:

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

Surge Protection:

10 kV

Aux Power Supply:

Yes

Dim to Off:

Yes

Photocell:

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

7-Pin Receptacle with Shorting Cap:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

IK Rating:

IK08 Protected against 5 joules of impact. Equivalent to the impact of a 3.75 lbs. (1.7kg) mass dropped from 11.8" (300mm) above the impacted surface.

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Housing:

Die-cast aluminum

Tilt Increment:

Rotates in 2.5 degree increments

Effective Projected Area:

EPA = 0.45

## Technical Specifications (continued)

**Lens:**

Clear polycarbonate lens

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Gaskets:**

High-temperature silicone

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

**LEDs:**

Long-life, high-efficacy, surface-mount LEDs

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Performance

**Lifespan:**

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

### Installation

**Mounting:**

Adjustable universal pole mount

### Optical

**BUG Rating:**

150W: B3-U0-G3

120W: B3-U0-G3

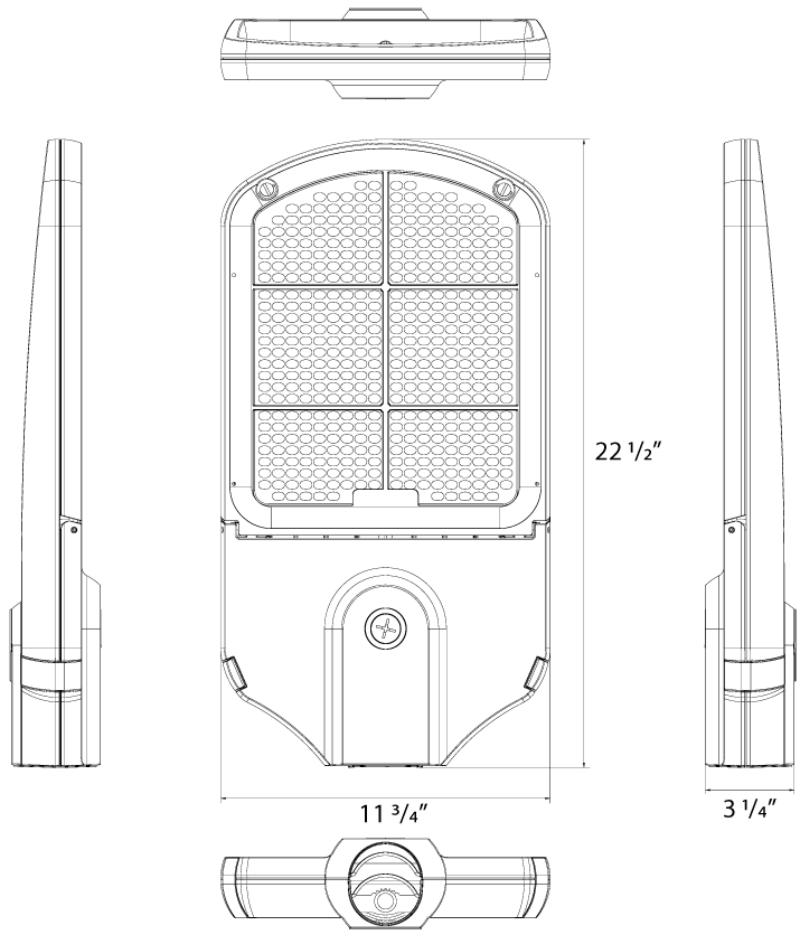
100W: B3-U0-G3

### Other

**10-Year Limited Warranty:**

The RAB 10-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

Dimensions



Ordering Matrix

| Family | Distribution                                  | Size/Wattage                                                                   | Mounting                      | Color Temp              | Finish                              | Driver                                                        | Controls                                                                                                                                                                   |
|--------|-----------------------------------------------|--------------------------------------------------------------------------------|-------------------------------|-------------------------|-------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KAI    | 4T                                            | 150                                                                            |                               |                         |                                     | /480                                                          | /7PRS                                                                                                                                                                      |
|        | 3T = Type III<br>4T = Type IV<br>2T = Type II | 70 = 70/60/50W<br>100 = 100/80/60W<br>150 = 150/120/100W<br>200 = 200/180/160W | Blank = Adjustable Pole Mount | Blank = 3000/4000/5000K | Blank = Bronze<br>RG = Roadway Gray | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = None<br>/7PRS = 7-Pin Receptacle with Shorting Cap + 3-Pin Twistlock Photocell<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor |