



Color: Roadway gray

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 | 97.9-153.7W      |

LED Info

|                |                   |
|----------------|-------------------|
| Watts          | 150/120/100W      |
| Color Temp     | 3000K/4000K/5000K |
| Color Accuracy | 83-84 CRI         |
| L70 Lifespan   | 100,000 Hours     |
| Lumens         | 15143-22946 lm    |
| Efficacy       | 136.8-167.1 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-J1YLR6

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 II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

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

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**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

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**Lifespan:**

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

### Installation

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**Mounting:**

Adjustable universal pole mount

### Optical

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**BUG Rating:**

150W: B3-U0-G3

120W: B3-U0-G3

100W: B3-U0-G3

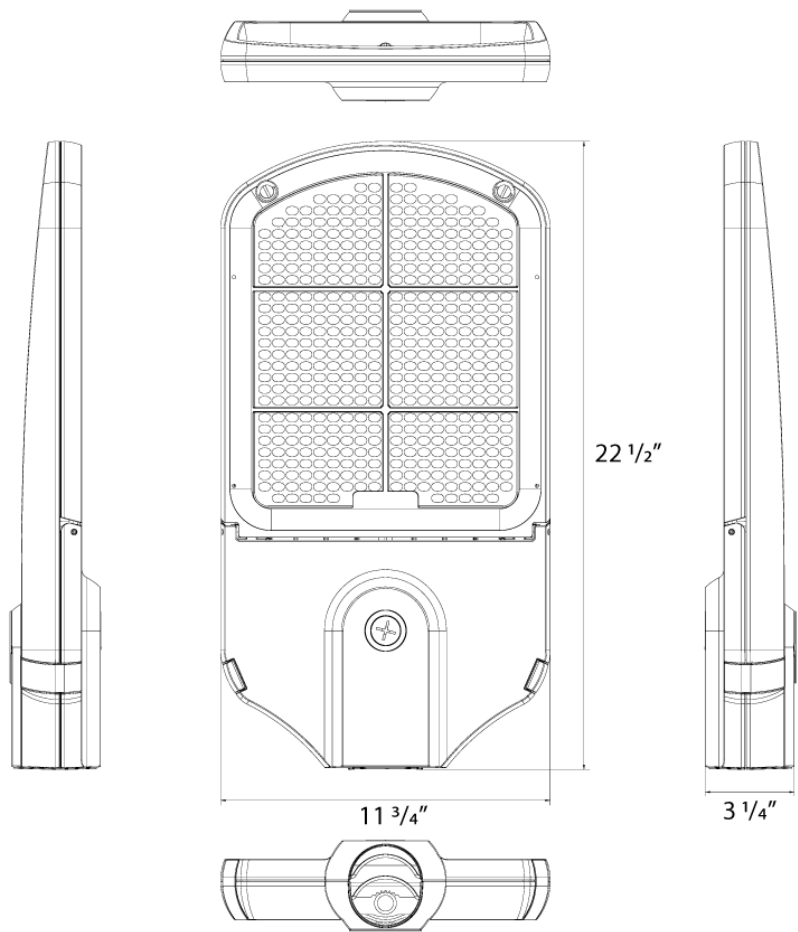
### Other

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**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    | 2T                                            | 150                                                                            |                               |                         | RG                                  | /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 |