



Color: Bronze

Weight: 6.4 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                   |
|-------------|-------------------|
| Type        | Constant Current  |
| 120V        | 0.34A/0.25A/0.17A |
| 208V        | 0.20A/0.15A/0.11A |
| 240V        | 0.17A/0.13A/0.09A |
| 277V        | 0.15A/0.12A/0.08A |
| Input Watts | 20.6-40.3W        |

LED Info

|                |                   |
|----------------|-------------------|
| Watts          | 40/30/20W         |
| Color Temp     | 3000K/4000K/5000K |
| Color Accuracy | 82-84 CRI         |
| L70 Lifespan   | 100,000 Hours     |
| Lumens         | 3227-6250 lm      |
| Efficacy       | 144-169.6 lm/W    |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
40/30/20W (factory default 40W)  
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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Electrical

Driver:

Constant Current, Class1, 120-277V, 50/60 Hz:  
40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A  
30W: 120V: 0.25A , 208V: 0.15A, 240V: 0.13A, 277V: 0.11A  
20W: 120V: 0.17A, 208V: 0.11A, 240V: 0.09A, 277V: 0.08A

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

7-Pin Receptacle with Shorting Cap:

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

Optical

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°.

BUG Rating:

70W: B2-U0-G2  
60W: B2-U0-G2  
50W: B2-U0-G1

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

## Technical Specifications (continued)

**Wattage Equivalency:**

150W HID

**Construction**

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**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):**

EPA = 0.37

**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.

**Installation**

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**Mounting:**

Adjustable universal pole mount

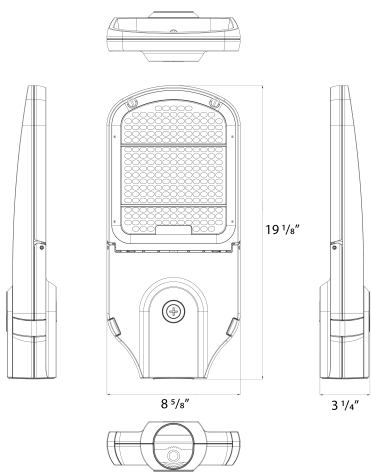
**Other**

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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



Features

- 100,000-Hour LED lifespan
- DLC Premium
- 0-10V dimming
- CALLOUT>IP66 Rating protects against dust & water ingress
- Industry-leading 3G vibration rating per ANSI C136.31
- IK10 Rating

Ordering Matrix

| Family | Distribution                                  | Size/Wattage                                                                                     | Mounting                      | Color Temp              | Finish                              | Driver                                                        | Controls                                                                                                                                       |
|--------|-----------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|-------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| KAI    | 4T                                            | 40                                                                                               |                               |                         |                                     |                                                               | /7PRS                                                                                                                                          |
|        | 2T = Type II<br>4T = Type IV<br>3T = Type III | 40 = 40/30/20W<br>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 | /480 = 480V, 0-10V Dimming<br>Blank = 120-277V, 0-10V Dimming | Blank = None<br>/7PRS = 7-Pin Receptacle with Shorting Cap<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor |