



Color: Roadway gray

Weight: 9.4 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                   |
|-------------|-------------------|
| Type        | N/A               |
| 120V        | 1.27A/1.12A/0.95A |
| 208V        | 0.73A/0.64A/0.55A |
| 240V        | 0.63A/0.56A/0.48A |
| 277V        | 0.55A/0.49A/0.43A |
| Input Watts | 113.9-152.2W      |

LED Info

|                |                |
|----------------|----------------|
| Watts          | 160/140/120W   |
| Color Temp     | Amber          |
| Color Accuracy | -15--9 CRI     |
| L70 Lifespan   | 100,000 Hours  |
| Lumens         | 5217-5709 lm   |
| Efficacy       | 34.3-50.1 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
160/140/120W (factory default 160W)  
Color Temperature Adjustable:  
Amber

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

Electrical

Driver:

Constant Current, Class1, 120-277V, 50/60 Hz:  
150W: 120V: 1.18A, 208V: 0.68A, 240V: 0.59A, 277V: 0.52A  
120W: 120V: 0.96A , 208V: 0.56A, 240V: 0.48A, 277V: 0.43A  
100W: 120V: 0.83A, 208V: 0.48A, 240V: 0.41A, 277V: 0.38A

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

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:

B1 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

Wattage Equivalency:

600W HID

Construction

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

## Technical Specifications (continued)

**Tilt Increment:**

Rotates in 2.5 degree increments

**Effective Projected Area (EPA):**

EPA = 0.45

**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.

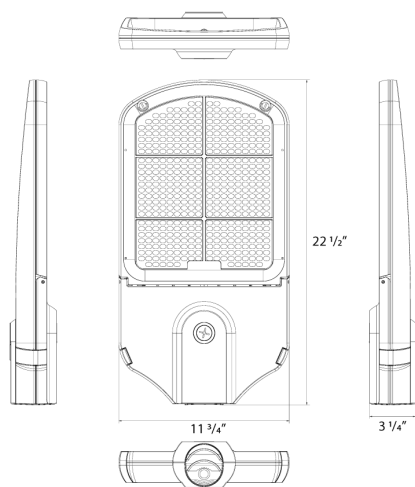
**Installation****Mounting:**

Adjustable universal pole mount

**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



## 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           | 160                |                               | YA         | RG                |                                                               |                                                                                                                                |
| 2T = Type II<br>3T = Type III<br>4T = Type IV |              | 160 = 160/140/120W | Blank = Adjustable Pole Mount | YA = Amber | RG = Roadway Gray | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = 7-Pin Receptacle with Shorting Cap<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor |