



Color: Roadway gray

Weight: 6.4 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	0.57A/0.46A/0.38A
208V	0.33A/0.26A/0.24A
240V	0.28A/0.23A/0.21A
277V	0.25A/0.21A/0.18A
Input Watts	46-71W

### LED Info

Watts	70/60/50W
Color Temp	3000K/4000K/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	7043-10990 lm
Efficacy	142.2-166.4 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
70/60/50W (factory default 70W)  
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-J45HB3

### Electrical

#### Driver:

Constant Current, Class1, 120-277V, 50/60 Hz:  
70W: 120V: 0.57A, 208V: 0.33A, 240V: 0.28A, 277V: 0.25A  
60W: 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V: 0.21A  
50W: 120V: 0.38A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

#### 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:

120-277V Twistlock photocell included. Photocell is compatible with 120-277V.

### 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 = 0.37

## 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.

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**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.

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**Performance****Lifespan:**

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

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**Installation****Mounting:**

Adjustable universal pole mount

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**Optical****BUG Rating:**

70W: B2-U0-G2

60W: B2-U0-G2

50W: B2-U0-G1

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**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	2T	70			RG		
	3T = Type III 4T = Type IV 2T = Type II	70 = 70/60/50W 100 = 100/80/60W 150 = 150/120/100W 200 = 200/180/160W	Blank = Adjustable Pole Mount	Blank = 3000/4000/5000K	Blank = Bronze RG = Roadway Gray	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = None /7PRS = 7-Pin Receptacle with Shorting Cap + 3-Pin Twistlock Photocell /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor