



Color: Roadway gray

Weight: 6.5 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	0.79A/0.66A/0.49A
208V	0.46A/0.38A/0.32A
240V	0.40A/0.33A/0.27A
277V	0.35A/0.30A/0.24A
Input Watts	59.1-99W

### LED Info

Watts	100/80/60W
Color Temp	3000K/4000K/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	9228-15179 lm
Efficacy	140.2-169.1 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
100/80/60W (factory default 100W)  
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-TGZXZ1

### Electrical

#### Driver:

Constant Current, Class1, 120-277V, 50/60 Hz:  
100W: 120V: 0.79A, 208V: 0.46A, 240V: 0.40A, 277V: 0.35A  
80W: 120V: 0.66A, 208V: 0.38A, 240V: 0.33A, 277V: 0.30A  
60W: 120V: 0.49A, 208V: 0.32A, 240V: 0.27A, 277V: 0.24A

#### 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.

#### 7-Pin Receptacle with Shorting Cap:

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

### Construction

#### IES Classification:

The Type III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

#### 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.

## 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:

100W: B3-U0-G3

80W: B2-U0-G2

60W: B2-U0-G2

## 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	3T	100			RG		/7PRS
	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