# KAI-4T40RG/7PRS



Color: Roadway gray

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


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## Technical Specifications (continued)

**Wattage Equivalency:**
150W 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

**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

**Mounting:**
Adjustable universal pole mount

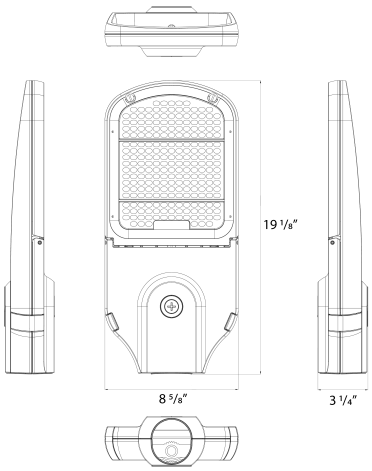
### Other

**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.


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# KAI-4T40RG/7PRS

## 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 | | | RG | | /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 |


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