KAI-3T40RG/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/0.11A/0.08A
Input Watts	20.5-40.2W

LED Info

Watts	40/30/20W
Color Temp	3000K/4000K/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	3237-6282 lm
Efficacy	144.9-170.7 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 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.

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

Wattage Equivalency:
150W HID

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Technical Specifications (continued)

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

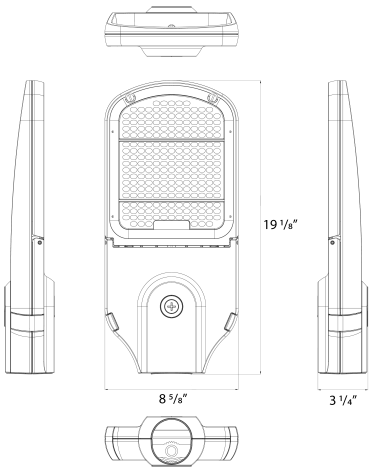
Other

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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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	3T	40			RG		/7PRS
	2T = Type II **4T =** Type IV **3T =** Type III	**40 =** 40/30/20W **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	**/480 =** 480V, 0-10V Dimming **Blank =** 120-277V, 0-10V Dimming	**Blank =** None **/7PRS =** 7-Pin Receptacle with Shorting Cap **/LCBS =** Lightcloud Blue w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

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