KAI-2T160YARG



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	0.64A/0.56A/0.48A
277V	0.55A/0.49A/0.43A
Input Watts	113.9-152.3W

LED Info

Watts	160/140/120W
Color Temp	Amber
Color Accuracy	-15--11 CRI
L70 Lifespan	100,000 Hours
Lumens	5254-5720 lm
Efficacy	34.5-50.2 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 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.

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

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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.

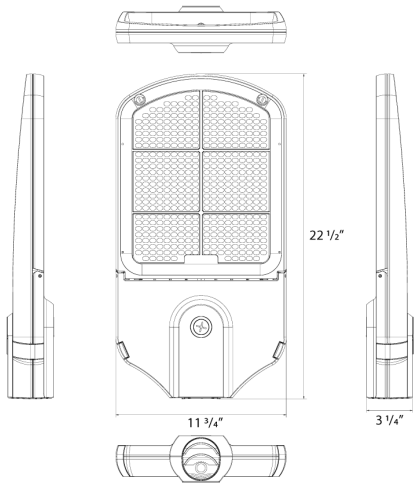
Installation

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.

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

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Ordering Matrix

Family	Distribution	Size/Wattage	Mounting	Color Temp	Finish	Driver	Controls
KAI	2T	160		YA	RG		
	2T = Type II **3T =** Type III **4T =** Type IV	**160 =** 160/140/120W	**Blank =** Adjustable Pole Mount	**YA =** Amber	**RG =** Roadway Gray	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming	**Blank =** 7-Pin Receptacle with Shorting Cap **/LCBS =** Lightcloud Blue w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue w/MVS Sensor

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