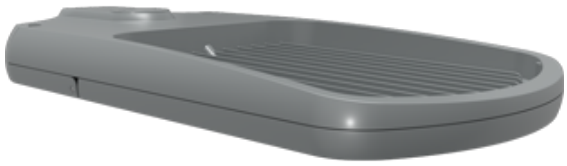
KAI-4T160YARG



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	0.63A/0.56A/0.48A
277V	0.55A/0.49A/0.43A
Input Watts	113.9-152.2W

LED Info

Watts	160/140/120W
Color Temp	Amber
Color Accuracy	-15--9 CRI
L70 Lifespan	100,000 Hours
Lumens	5217-5709 lm
Efficacy	34.3-50.1 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 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:
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.

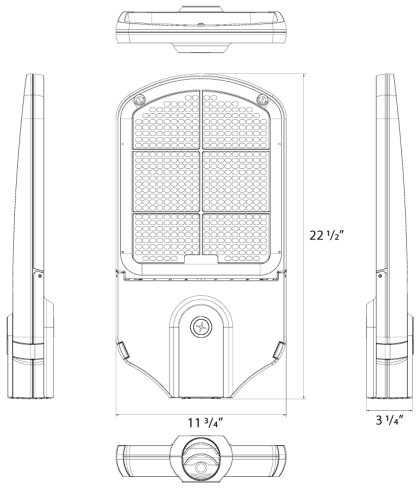
Installation

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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KAI-4T160YARG

Ordering Matrix

Family	Distribution	Size/Wattage	Mounting	Color Temp	Finish	Driver	Controls
KAI	4T	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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