



Specification grade area lights available in IES Type II distributions. For use in parking lots, roadways, pathways and general area lighting. Best-in-class 5-G vibration rating. 5-year warranty.

Color: Bronze

Weight: 20.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: N/A
 208V: N/A
 240V: N/A
 277V: N/A
 Input Watts: 156W
 Efficiency: N/A

LED Info

Watts: 160W
 Color Temp: 3000K
 Color Accuracy: 71 CRI
 L70 Lifespan: 100000
 Lumens: 16,096
 Efficacy: 103 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Dark Sky Approved:

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaires that minimize glare, reduce light trespass, and don't pollute the night sky.

Electrical

Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.35A

THD:

10% at 480V

Power Factor:

99% at 480V

7-Pin Receptacle:

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

Surge Protection:

L-N 4kV; L-Earth 6kV

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

Optical

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Construction

IES Classification:

The Type II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrance roadways and bike paths.

Effective Projected Area:

EPA = 0.8

Vibration Rating:

Industry-leading 5G vibration rating per ANSI C136.31.

Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

Ambient Temperature:

Suitable for use in 104° F (40° C) ambient temperatures.

Housing:

Precision die-cast aluminum housing.

Mounting:

Mounts to RAB square poles. Mounts to all square and round poles if optional Universal Pole Adaptor is used.

Lens:

Clear acrylic lens with integrated optics

IP Rating:

Ingress Protection rating of IP66 for dust and water

Gaskets:

High temperature silicone gaskets.

Finish:

Formulated for high-durability and long lasting color.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

LED Characteristics

LEDs:

Long-life, high-efficiency surface mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Technical Specifications (continued)

<p>Other</p> <p>5 Yr Limited Warranty: Fixture operation and paint finish are covered for a period of 5 years.</p> <p>Replacement: Replaces up to 400W Metal Halide.</p>	<p>Country of Origin: Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.</p> <p>Buy American Act Compliant: This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.</p>	<p>Recovery Act (ARRA) Compliant: This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).</p> <p>GSA Schedule: Suitable in accordance with FAR Subpart 25.4.</p>
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Dimensions



Features

- Lightweight design and low EPA minimize pole load
- Best-in-class 5-G vibration rating
- 100,000-hour LED lifespan
- 5-year warranty

Ordering Matrix

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	2T	160	Y		/480/D10		/7PR	
	2T = Type II	160 = 160W	Blank = 5000K (Cool)	Blank = Bronze	/D10 = 120-277V, 0-10V Dimming (standard)	Blank = Mounts to RAB square poles	Blank = None	Blank = None
		110 = 110W	N = 4000K (Neutral)	W = White	/480/D10 = 480V, 0-10V Dimming	/UPA = Universal Pole Adaptor	/PCT = 120-277V Twistlock PC	/HS = 2 House-Side-Shields
		65 = 65W	Y = 3000K (Warm)				/PCT4 = 480V Twistlock PC	
							/WS2 = Wattstopper Sensor + 20ft lens, 120-277V	
							/WS4 = Wattstopper Sensor + 40ft lens, 120-277V	
							/5PR = 5-Pin Receptacle, no PCT	
							/7PR = 7-Pin Receptacle, no PCT	
							/BL = Bi-Level Dimming, 120-277V	