



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, limited 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 (Warm)
Color Accuracy: 71 CRI
L70 Lifespan: 100,000
Lumens: 16096
Efficacy: 103 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P8CQVFKH

IESNA LM-79 & IESNA 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.

Dark Sky Conformance:

Conforms to (allows for conformance to) the requirements for the IDA's "Fixture Seal of Approval" as of March 1, 2016.

Electrical

Driver:

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

Photocell:

480V twistlock photocell Included. Photocell is only compatible with 480V.

THD:

10% at 480V

Power Factor:

99% at 480V

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%.

LED Characteristics

Lifespan:

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

LEDs:

Long-life, high-efficacy 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 C78.377-2017.

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°C (-40°F)

Ambient Temperature:

Suitable For use in 40°C (104°F) 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.

Technical Specifications (continued)

Other

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5 years.

Replacement:

Replaces up to 400W Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Features

Lightweight design and low EPA minimize pole load

Best-in-class 5-G vibration rating

100,000-hour LED lifespan

Ordering Matrix

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	Other Options
LOT	2T	160	Y	^	/480/D10	^	/PCT4	^	^
	2T = Type II	65 = 65W 110 = 110W 160 = 160W	Y = 3000K (Warm) Blank = 5000K (Cool) N = 4000K (Neutral)	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming (standard) /480/D10 = 480V, 0-10V Dimming	Blank = Mounts to RAB square poles /UPA = Universal Pole Adaptor	Blank = None /PCT = 120-277V Twistlock PC /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	Blank = None /HS = 2 House-Side-Shields	Blank = Standard USA = BAA Compliant