



Specification grade area lights available in IES Type IV distributions. 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	0.93A
208V	0.54A
240V	0.47A
277V	0.40A
Input Watts	106.7W

LED Info

Watts	110W
Color Temp	4000K (Neutral)
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	13,898
Efficacy	130.3 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

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.

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.93A, 208V: 0.54A, 240V: 0.47A, 277V: 0.40A

Dimming Driver:

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

THD:

5.05% at 120V, 12.25% at 277V

Power Factor:

99.5% at 120V, 94.2% at 277V

Surge Protection:

L-N 4kV; L-Earth 6kV

Performance

Lifespan:

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

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) produces a semicircular distribute, and is especially suited for mounting on sides of buildings or walls and perimeter of parking areas

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 up to 40°C (104°F)

Housing:

Precision die-cast aluminum housing

Technical Specifications (continued)

Construction

House Side Shield:

External house-side shield accessory included to reduce light trespass

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.

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.

Other

Compatibility:

Compatible with Round Poles with a diameter of 2.5" to 6"

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5-years. [See our full warranty here.](#)

Equivalency:

Equivalent to 250W Metal Halide

Buy American Act Compliance:

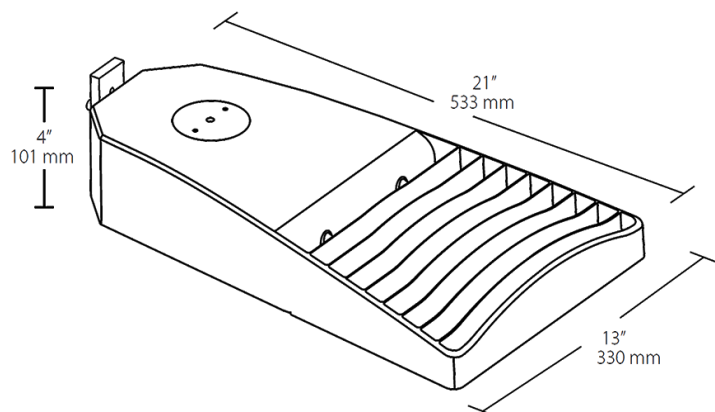
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

Full Cutoff:

Full-cutoff optics conform with dark sky requirements

Dimensions



Features

- 100,000-hour LED lifespan
- Type IV distribution

Ordering Matrix

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	Other Options
LOT	4T	110	N		/D10	/UPA		/HS	
5T = Type V	65 = 65W 110 = 110W 160 = 160W	Blank = 5000K Cool	Blank = Bronze	Blank = 0-10V Dimming (standard)	/D10 = 120-277V, 0-10V Dimming (standard)	Blank = Mounts to RAB square poles	Blank = None /PCT = 120-277V Twistlock PC	Blank = None /HS = 2 House-Side- Shields ¹	Blank = Standard
4T = Type IV		N = 4000K Neutral	W = White	/480/D10 = 480V, 0-10V Dimming	/UPA = Universal Pole Adaptor		/PCT4 = 480V Twistlock PC		USA = BAA Compliant
3T = Type III		Y = 3000K Warm					/WS2 = Wattstopper Sensor + 20ft lens, 120-277V		
2T = Type II							/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		

¹ Available for Types II, III and IV only