



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	0.56A
240V	0.49A
277V	0.42A
Input Watts	108.5W
Efficiency	N/A

## LED Info

Watts	110W
Color Temp	4000K (Neutral)
Color Accuracy	72 CRI
L70 Lifespan	100,000
Lumens	11,230
Efficacy	103.5 LPW

## Technical Specifications

### Listings

#### UL Listing:

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.

#### Dark Sky Conformance:

Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

#### 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: P9CZFF6U

### Electrical

#### Dimming Driver:

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

#### Surge Protection:

L-N 4kV; L-Earth 6kV

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 120V: 0.93A, 208V: 0.56A, 240V: 0.49A, 277V: 0.42A

#### THD:

6.7% at 120V, 9.1% at 277V

#### Power Factor:

99.3% at 120V, 95.4% at 277V

### 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 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 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 40°C (104°F)

#### 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.

## Technical Specifications (continued)

### Construction

#### 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.

### Other

#### 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 400W Pulse Start Metal Halide

### Buy American Act Compliance:

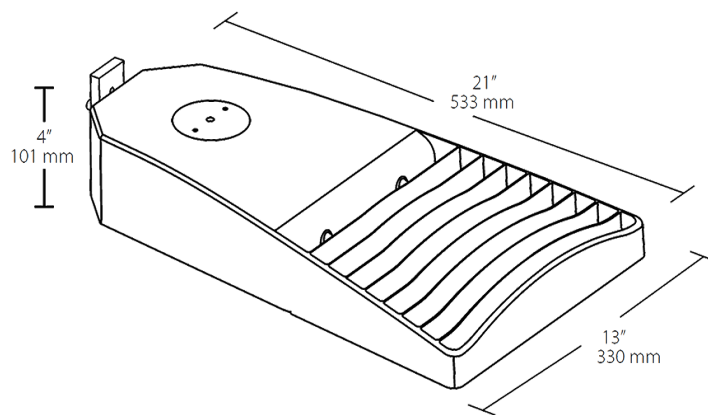
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### 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				
	<b>5T =</b> Type V <b>4T =</b> Type IV <b>3T =</b> Type III <b>2T =</b> Type II	<b>65 = 65W</b> <b>110 =</b> 110W <b>160 =</b> 160W	<b>Blank =</b> 5000K (Cool) <b>N = 4000K</b> (Neutral) <b>Y = 3000K</b> (Warm)	<b>Blank =</b> Bronze <b>W =</b> White	<b>/D10 =</b> 120-277V, 0-10V Dimming (standard) <b>/480/D10 =</b> 480V, 0-10V Dimming	<b>Blank =</b> Mounts to RAB square poles <b>/UPA =</b> Universal Pole Adaptor	<b>Blank = None</b> <b>/PCT = 120-277V</b> Twistlock PC <b>/PCT4 = 480V</b> Twistlock PC <b>/WS2 =</b> Wattstopper Sensor + 20ft lens, 120-277V <b>/WS4 =</b> Wattstopper Sensor + 40ft lens, 120-277V <b>/5PR = 5-Pin</b> Receptacle, no PCT <b>/7PR = 7-Pin</b> Receptacle, no PCT <b>/BL = Bi-Level</b> Dimming, 120-277V	<b>Blank = None</b> <b>/HS = 2 House-Side-</b> Shields	<b>Blank =</b> Standard <b>USA = BAA</b> Compliant