LOT4T110/480/D10/HS





Specification grade area lights available in IES Type IV distributions. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Best-in-class 5-G vibration rating. 5 Year Warranty.

Color: Bronze Weight: 20.9 lbs

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|--------|
| Type: | Constant Current | Watts: | 110W |
| 120V: | N/A | Color Temp: | 5000K |
| 208V: | N/A | Color Accuracy: | 72 CRI |
| 240V: | N/A | L70 Lifespan: | 100000 |
| 277V: | N/A | Lumens: | 6,920 |
| Input Watts: | 115W | Efficacy: | 60 LPW |
| Efficiency: | 96% | | |
| | | | |

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.

Electrical

Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.26A

THD:

14.2% at 480V

Power Factor:

92.3% at 480V

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:

4kV

Optical

Lifespan:

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

Full Cutoff:

Full cutoff optics conform with dark sky requirements.

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° F (-40° C)

Ambient Temperature:

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

Housing:

Precision die-cast aluminum housing.

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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

LEDs:

Long-life, high-efficiency surface mounting 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.

Other

5 Yr Limited Warranty:

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



Technical Specifications (continued)

Other

Replacement:

Replaces up to 250W Metal Halide.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

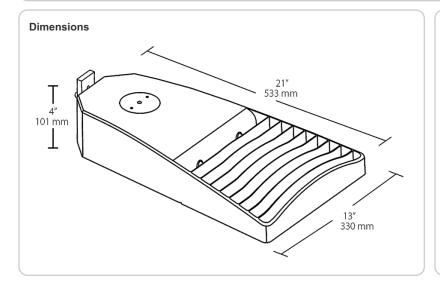
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.



Features

100,000-hour LED lifespan

Type IV distribution

5-year warranty

| Ordering Matrix | | | | | | | | | |
|-----------------|---------------------|-------------------------|--|--|---------------------------|---|--|--|--|
| Family | IES Type | Wattage | Color Temp | Finish | Driver Options | Mounting | Sensor Options | Accessories | |
| LOT | 4T | 110 | | | /480/D10 | | | /HS | |
| | 4T = Type IV | 160 = 160W 110 = | Blank = 5000K (Cool) N = 4000K | (Cool) Bronze Dimming (standard) sq 200K W = White /480/D10 = 480V, 0-10V /UPA = tral) Dimming | Dimming (standard) square | Dimming (standard) square po /480/D10 = 480V, 0-10V /UPA = University | Blank = Mounts to RAB square poles /UPA = Universal Pole | Blank = None /PCT = 120-277V Twistlock PC /PCT4 = 480V Twistlock PC | Blank = None /HS = 2 House- Side-Shields |
| | | 110W 65 = 65W | (' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' | | Y = 3000K | | Adaptor | /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 | | |