LOT4T160W/D10/7PR



160W

5000K

72 CRI

100000

17,037

106 LPW



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: White

Weight: 20.9 lbs

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, 100-277V, 50/60 Hz, 120V: 1.35A, 208V: 0.83A, 240V: 0.72A, 277V: 0.61A

THD:

7.8% at 120, 14.3% at 277V

Power Factor:

99.5% at 120V, 93.5% at 277V

7-Pin Receptacle:

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

Surge Protection:

L-N 4kV; L-L, L-GND 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.

Full Cutoff:

Full cutoff optics conform with dark sky requirements.

Project:

Driver Info

Type: 120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

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.

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:

Constant Current

1.35A

0.83A

0.72A

0.61A

161W

99%

Ingress Protection rating of IP66 for dust and water

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

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 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.

Other

5 Yr Limited Warranty:

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

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Technical Specifications (continued)

Other

Replacement:

Replaces up to 400W 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).

Features

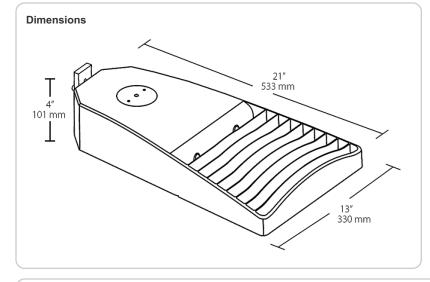
100,000-hour LED lifespan

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Type IV distribution

5-year warranty



| Ordering Matrix | | | | | | | | |
|-----------------|------------------------|---|--|--------------------------------|---|---|--|--|
| Family | IES Type | Wattage | Color Temp | Finish | Driver Options | Mounting | Sensor Options | Accessories |
| LOT | 4T | 160 | | W | /D10 | | /7PR | |
| | 4T = Type IV | 160 = 160W 110 = 110W 65 = 65W | Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | 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 | Blank = None /HS = 2 House- Side-Shields |
| | | | | | | | /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 | |