LOT5T160N/D10/5PR





Specification grade area lights available in IES Type V distributions. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings. Best-in-class 5-G vibration rating. 5-year warranty.

Color: Bronze Weight: 20.9 lbs

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

| | LED Info | |
|------------------|--|--|
| Constant Current | Watts: | 160W |
| 1.35A | Color Temp: | 4000K |
| 0.83A | Color Accuracy: | 72 CRI |
| 0.72A | L70 Lifespan: | 100000 |
| 0.61A | Lumens: | 17,172 |
| 158W | Efficacy: | 109 LPW |
| N/A | | |
| | | |
| | 1.35A 0.83A 0.72A 0.61A 158W | Constant Current Watts: 1.35A Color Temp: 0.83A Color Accuracy: 0.72A L70 Lifespan: 0.61A Lumens: 158W Efficacy: |

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

5-Pin Receptacle:

ANSI C136.41 5-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.

Construction

IES Classification:

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings.

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:

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 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.



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:

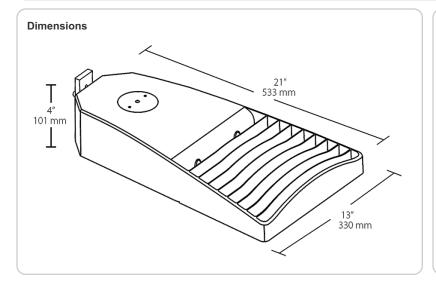
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.



Features

Lightweight design and low EPA minimize pole load

Best-in-class 5-G vibration rating

100,000-hour LED lifespan

5-year warranty

| Ordering Matrix | | | | | | | | | |
|-----------------|--|---|--|--------|-----------------------|--|----------------|--|--|
| Family | IES Type | Wattage | Color Temp | Finish | Driver Options | Mounting | Sensor Options | | |
| LOT | 5T | 160 | N | | /D10 | | /5PR | | |
| | Type V 160W (Cool) Bronze (standard) square po 110 = N = 4000K W = White /480/D10 = 480V, 0-10V Dimming /UPA = Univer | 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 | | | |