# LOT5T160N/480/D10/7PR



160W

4000K

72 CRI

100000

16,576

107 LPW



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

# **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: 0.35A

#### THD:

10% at 480V

Power Factor:

99% at 480V

# 7-Pin Receptacle:

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

#### Surge Protection:

L-N 4kV; L-Earth 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

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

#### 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:

Constant Current

N/A

N/A

N/A

N/A

N/A

154W

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.



# **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:**

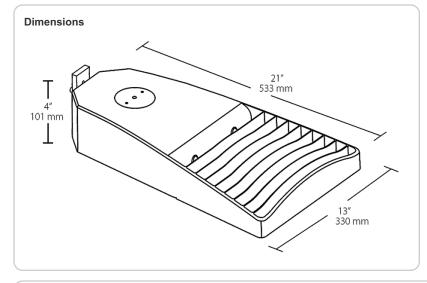
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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  | Ν  |                                | /480/D10   |   | /7PR  |
|        | <b>5T</b> =<br>Type V | 160 =<br>160W<br>110 =<br>110W<br>65 = 65W | Blank = 5000K<br>(Cool)<br>N = 4000K<br>(Neutral)<br>Y = 3000K<br>(Warm) | Blank =<br>Bronze<br>W = White | /D10 = 120-277V, 0-10V Dimming<br>(standard)<br>/480/D10 = 480V, 0-10V Dimming | Blank = Mounts to RAB<br>square poles<br>/UPA = Universal Pole<br>Adaptor | Blank = None<br>/PCT = 120-277V Twistlock PC<br>/PCT4 = 480V Twistlock PC<br>/WS2 = Wattstopper Sensor + 20ft lens,<br>120-277V<br>/WS4 = Wattstopper Sensor + 40ft lens,<br>120-277V<br>/SPR = 5-Pin Receptacle, no PCT<br>/7PR = 7-Pin Receptacle, no PCT<br>/BL = Bi-Level Dimming, 120-277V |