# LOT5T110W/D10/UPA/PCT



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: White

Weight: 22.7 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; 0.93A, 208V: 0.56A, 240V: 0.49A, 277V: 0.42A

#### Photocell:

120-277V Twistlock Photocell Included. Photocell is compatible with 120V-277V.

#### THD:

6.7% at 120, 9.1% at 277V

#### **Power Factor:**

99.3% at 120V, 95.4% at 277V

# **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

# 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:

0.42A

111W

99%

#### 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 all square and round poles.

#### 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.



12,876

116 LPW

# Type: Prepared By: Date: LED Info Constant Current Watts: 110W 0.93A Color Temp: 5000K 0.56A Color Accuracy: 72 CRI 100000 0.49A L70 Lifespan:

Lumens:

Efficacy:



# **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.

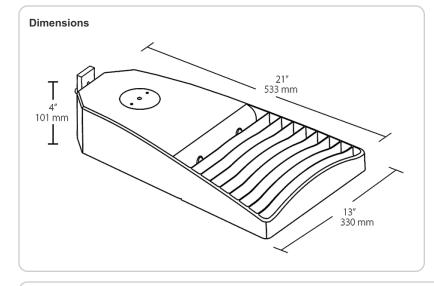
# **Buy American Act Compliant:**

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).

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# Features

Lightweight design and low EPA minimize pole load

**GSA Schedule:** 

Suitable in accordance with FAR Subpart 25.4.

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                    | 110   |  | W                              | /D10   | /UPA  | /PCT  |
|        | <b>5T =</b><br>Type V | <b>160</b> =<br>160W<br><b>110</b> =<br>110W<br><b>65</b> = 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 |