# LOT5T110Y/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: Bronze

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.

# Dark Sky Approved:

Conforms to the requirements listed by the International Dark-Sky Association for "Dark Sky" approval. The Fixture Seal of Approval provides objective, third-party certification for luminaries that minimize glare, reduce light trespass, and don't pollute the night sky.

# 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.

# 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.

# Minimum starting temperature is -40° F (-40° C)

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# Ambient Temperature:

**Cold Weather Starting:** 

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.

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

#### **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.



**Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current 110W Type: Watts 120V: 0.93A Color Temp: 3000K 208V: 0.56A Color Accuracy: 72 CRI 240V: 0.49A 100000 L70 Lifespan: 277V: 0.42A Lumens: 11,970 Input Watts: 110W Efficacy: 109 LPW Efficiency: N/A



# **Technical Specifications (continued)**

# Other

## 5 Yr Limited Warranty:

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

# **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:**

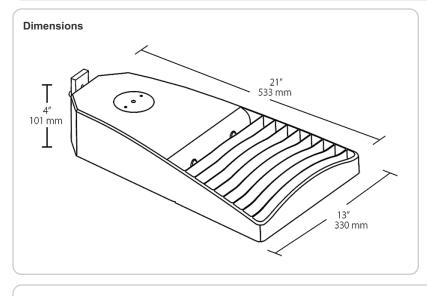
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# **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

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	110	Y		/D10	/UPA	/PCT
	<b>5T</b> = Type V	<b>160</b> = 160W <b>110</b> = 110W <b>65</b> = 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 /WS2 = Wattstopper Sensor + 20ft lens, 120-277V /WS4 = Wattstopper Sensor + 40ft lens, 120-277V /SPR = 5-Pin Receptacle, no PCT /7PR = 7-Pin Receptacle, no PCT /BL = Bi-Level Dimming, 120-277V