# LOT5T110NW/480/D10/UPA



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, 480V, 50/60 Hz, 480V: 0.26A

### THD:

14.2% at 480V

**Power Factor:** 

92.3% at 480V

# **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:

4kV

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 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.

#### **Replacement:**

Replaces up to 250W Metal Halide.



#### **Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current Watts: 110W Type: 120V: N/A Color Temp: 4000K 208V: N/A Color Accuracy: 72 CRI 240V: 100000 N/A L70 Lifespan: 277V: N/A Lumens: 12,471 Input Watts: 112W Efficacy: 110 LPW Efficiency: 97%



# **Technical Specifications (continued)**

# Other

### **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:**

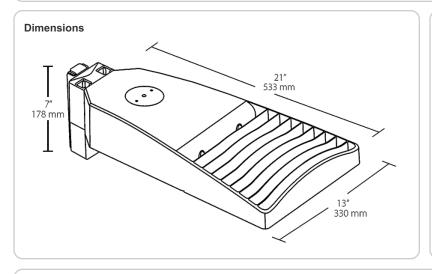
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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	Ν	W	/480/D10	/UPA	
	<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 /5PR = 5-Pin Receptacle, no PCT /7PR = 7-Pin Receptacle, no PCT /BL = Bi-Level Dimming, 120-277V