# LOT4T160/480/D10/PCT4



Specification grade area lights available in IES Type IV distributions. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Best-in-class 5-G vibration rating. 5 Year Warranty.

Color: Bronze

# **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

### Photocell:

480V Twistlock Photocell Included. Photocell is only compatible with 480V.

# THD:

10% at 480V

# **Power Factor:**

99% at 480V

### 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:

Weight: 20.9 lbs

Full cutoff optics conform with dark sky requirements.

# Construction

### **IES Classification:**

The Type IV distribution (also known as a Forward Throw) produces a semicircular distribute, and is especially suited for mounting on sides of buildings or walls and perimeter of parking areas.

### **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.



160W

5000K

72 CRI

100000

16,446 105 LPW

**Project:** Type: Prepared By: Date: **Driver Info** LED Info Constant Current Watts: Type: 120V: N/A Color Temp: 208V: N/A Color Accuracy: 240\/-N/A L70 Lifespan: 277V: N/A Lumens: Input Watts: 157W Efficacy: Efficiency: N/A



# **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).

# Features

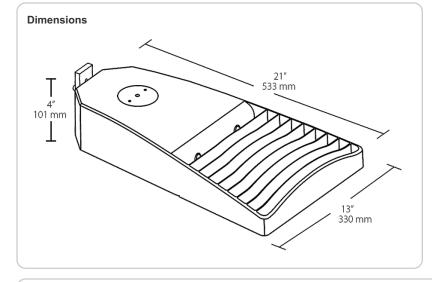
100,000-hour LED lifespan

**GSA Schedule:** 

Suitable in accordance with FAR Subpart 25.4.

Type IV distribution

5-year warranty



Ordering Matrix								
Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	4T	160			/480/D10		/PCT4	
	<b>4T</b> = Type IV	<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	/ <b>D10</b> = 120-277V, 0-10V Dimming (standard) / <b>480/D10</b> = 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	Blank = None /HS = 2 House- Side-Shields
							/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	
							/ <b>BL</b> = Bi-Level Dimming, 120- 277V	