# LOT4T160N/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

# **Project:** Type: Prepared By: Date: **Driver Info** LED Info

Туре:	Constant Current	Watts:
120V:	N/A	Color Temp:
208V:	N/A	Color Accuracy:
240V:	N/A	L70 Lifespan:
277V:	N/A	Lumens:
Input Watts:	154W	Efficacy:
Efficiency:	N/A	

#### **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

4000K

72 CRI

100000

15,381

100 LPW



# **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

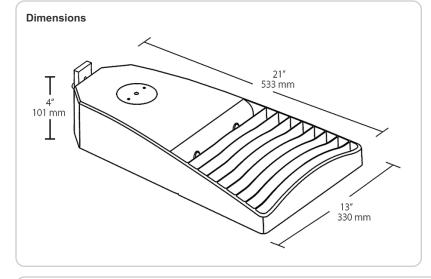
100,000-hour LED lifespan

**GSA Schedule:** 

Suitable in accordance with FAR Subpart 25.4.

Type IV distribution

5-year warranty



Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	4T	160	Ν		/480/D10		/PCT4	
	<b>4T</b> = Type IV	<b>160</b> = 160W <b>110</b> =	Blank = 5000K (Cool) N = 4000K	Blank = Bronze W = White	Dimming (standard) /480/D10 = 480V, 0-10V	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
		110W <b>65</b> = 65W	(Neutral) Y = 3000K (Warm)		Dimming		/WS2 = Wattstopper Sensor + 20ft lens, 120-277V /WS4 = Wattstopper Sensor + 40ft lens, 120-277V	
						/ <b>5PR</b> = 5-Pin Receptacle, no PCT / <b>7PR</b> = 7-Pin Receptacle, no PCT		
							/BL = Bi-Level Dimming, 120- 277V	