# LOT4T160W/D10/UPA/PCT



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: White

# **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: 1.35A, 208V: 0.83A, 240V: 0.72A, 277V: 0.61A

# Photocell:

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

#### THD:

7.8% at 120, 14.3% at 277V

**Power Factor:** 99.5% at 120V, 93.5% at 277V

Surge Protection:

L-N 4kV; L-L, L-GND 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: 22.7 lbs

Full cutoff optics conform with dark sky requirements.

**Project:** 

**Driver Info** 

Type: 120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

# 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 all square and round poles.

#### Lens:

Clear acrylic lens with integrated optics

# IP Rating:

Constant Current

1.35A

0.83A

0.72A

0.61A

161W

99%

Ingress Protection rating of IP66 for dust and water

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

## 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

17,037

106 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

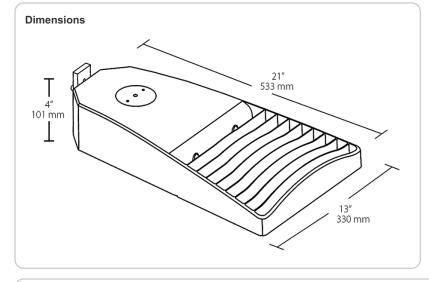
100,000-hour LED lifespan

**GSA Schedule:** 

Suitable in accordance with FAR Subpart 25.4.

Type IV distribution

5-year warranty



Ordering Matrix								
Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	4T	160		W	/D10	/UPA	/PCT	
	<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	/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	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	