# LOT4T65YW/D10/BL





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 Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	65W	
120V:	0.55A	Color Temp:	3000K	
208V:	0.33A	Color Accuracy:	71 CRI	
240V:	0.29A	L70 Lifespan:	100000	
277V:	0.25A	Lumens:	6,300	
Input Watts:	65W	Efficacy:	96 LPW	
Efficiency:	99%			

# **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: 0.55A, 208V: 0.33A, 240V: 0.29A, 277V: 0.25A

### THD:

7.2% at 120, 10.6% at 277V

## **Power Factor:**

99.6% 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-L, L-GND 6kV

# Optical

### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

## 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.

# 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.

## Other

### 5 Yr Limited Warranty:

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



# **Technical Specifications (continued)**

Other

### Bi-Level:

Allows 25%, 50% or 75% output modes.

# Replacement:

Replaces 150W 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:**

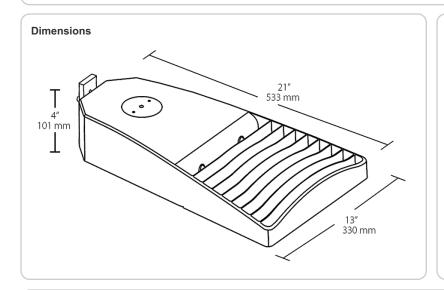
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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**

100,000-hour LED lifespan

Type IV distribution

5-year warranty

Ordering Matrix										
Family	IES Type	Wattage	Color Temp	Finish	<b>Driver Options</b>	Mounting	Sensor Options	Accessories		
LOT	4T	65	Y	W	/D10		/BL			
	4T = Type IV	160 = 160W 110 = 110W 65 = 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	Blank = None /HS = 2 House- Side-Shields		