# LOT4T65NW/D10/7PR





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:

	LED Info		
Constant Current	Watts:	65W	
0.55A	Color Temp:	4000K	
0.33A	Color Accuracy:	72 CRI	
0.29A	L70 Lifespan:	100000	
0.25A	Lumens:	6,370	
65W	Efficacy:	99 LPW	
N/A			
	0.55A 0.33A 0.29A 0.25A 65W	Constant Current Watts: 0.55A Color Temp: 0.33A Color Accuracy: 0.29A L70 Lifespan: 0.25A Lumens: 65W Efficacy:	

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

#### THD

7% at 120, 10.5% at 277V

## **Power Factor:**

99.6% at 120V, 95.2% at 277V

# 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

# **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.

#### **Full Cutoff:**

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.



# **Technical Specifications (continued)**

Other

### 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:**

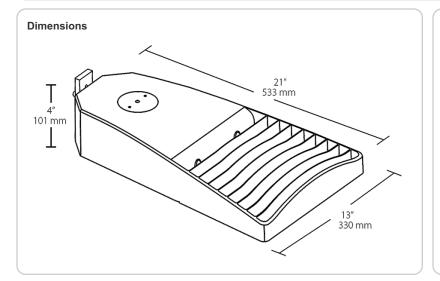
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

# 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	N	W	/D10		/7PR			
Т	<b>4T</b> = Type IV	Type IV 160W 110 =	500W         5000K (Cool)         Bronze         Dimming (standard)         square poles           10 =         N = 4000K         W = White         /480/D10 = 480V, 0-10V         /UPA = Universal Polymore           10W         (Neutral)         Dimming         Adaptor           5 =         Y = 3000K	Bronze	Dimming (standard) /480/D10 = 480V, 0-10V	/UPA = Universal Pole	Blank = None  /PCT = 120-277V Twistlock PC  /PCT4 = 480V Twistlock PC	Blank = None /HS = 2 House- Side-Shields		
		110W <b>65</b> = 65W			<b>Y</b> = 3000K	Dimming	Adaptor	/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			