LOT4T65Y/D10/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: Bronze Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

	LED Info	
Constant Current	Watts:	65W
0.55A	Color Temp:	3000K
0.33A	Color Accuracy:	71 CRI
0.29A	L70 Lifespan:	100000
0.25A	Lumens:	6,300
65W	Efficacy:	96 LPW
99%		
	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.

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

Photocell:

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

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.



Technical Specifications (continued)

Other

5 Yr Limited Warranty:

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

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:

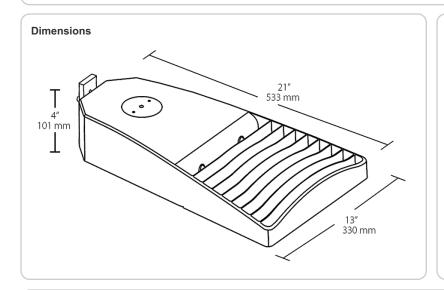
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

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 I	watrix							
Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories
LOT	4T	65	Y		/D10		/PCT	
	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 /PR = 7-Pin Receptacle, no PCT /BL = Bi-Level Dimming, 120-	Blank = None /HS = 2 House- Side-Shields