



Specification grade area lights available in IES Type V distributions. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings. Best-in-class 5-G vibration rating. 5-year, limited warranty.

Color: White

Weight: 20.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.55A
208V	0.33A
240V	0.29A
277V	0.25A
Input Watts	60.9W

LED Info

Watts	65W
Color Temp	3000K (Warm)
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	8,144
Efficacy	133.7 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Dark Sky Conformance:

Conforms to (allows for conformance to) the requirements for the IDA's "Fixture Seal of Approval" as of March 1, 2016.

California Title 24:

Can be used to conform with the requirements of California Title 24 Part 6.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: P2P3KU14

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.55A, 208V: 0.33A, 240V: 0.29A, 277V: 0.55A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

6.98% at 120V, 6.98% at 277V

Power Factor:

99.8% at 120V, 94.1% at 277V

Surge Protection:

L-N 4kV; L-L, L-GND 6kV

Performance

Lifespan:

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

Construction

IES Classification:

Type VS distributes light in a square symmetrical pattern and is meant for large, commercial parking lot lighting as well as areas where sufficient, evenly distributed light is necessary

Effective Projected Area:

EPA = 0.8

Vibration Rating:

Industry-leading 5G vibration rating per ANSI C136.31

Technical Specifications (continued)

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

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.

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Other

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5-years. [See our full warranty here.](#)

Equivalency :

Equivalent to 250W Pulse Start Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Sensor Specifications

Operating Voltage:

120-277V

Power Consumption:

1W

0-10V Sinking Current:

50mA

Adjustable High and Low Modes:

High: 0-10V; Low: off, 0-9.8V

Time Delay:

30 seconds, 1-30 minutes

Adjustable Cut Off Delay:

Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 -60 min., 1 -5 hrs.

Adjustable Sensitivity:

None, low, medium, maximum

Adjustable Setpoint:

None, 1 to 250 fc, auto

Operating Temperature:

-40°F to 167°F (-40°C to +75°C)

Operating Humidity:

20% to 90% noncondensing

Relay Life Rating:

200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

IP Rating:

Ingress protection rating of IP66 for dust and water

UL Listed:

Suitable for Wet Locations as factory installed

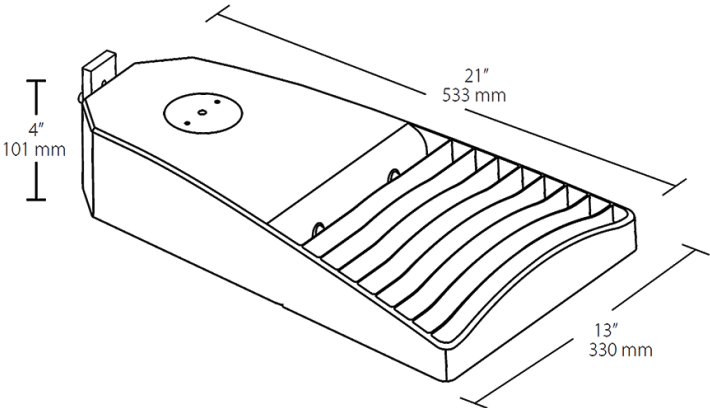
Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool. Only available with 0-10V dimming driver options. [Handheld wireless configuration tool available here.](#)

Multi Level Motion Sensor:

/WS4 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

Dimensions



Features

- Lightweight design and low EPA minimize pole load
- Best-in-class 5-G vibration rating
- 100,000-hour LED lifespan

Ordering Matrix

Family	IES Type	Wattage	Color Temp	Finish	Driver Options	Mounting	Sensor Options	Accessories	Other Options
LOT	5T	65	Y	W	/D10		/WS4		
	5T = Type V	65 = 65W	Blank = 5000K Cool	Blank = Bronze	/D10 = 120-277V, 0-10V Dimming (standard)	Blank = Mounts to RAB square poles	Blank = None	Blank = None	Blank = Standard
	4T = Type IV	110 = 110W	N = 4000K Neutral	W = White	/480/D10 = 480V, 0-10V Dimming	/UPA = Universal Pole Adaptor	/PCT = 120-277V Twistlock PC	/HS = 2 House-Side-Shields	USA = BAA Compliant
	3T = Type III	160 = 160W	Y = 3000K Warm				/PCT4 = 480V Twistlock PC		
	2T = Type II						/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		