

Color: White

Weight: 34.8 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant Current
120V	1.31A
208V	0.80A
240V	0.69A
277V	0.60A
Input Watts	153.2W

**LED Info**

Watts	150W
Color Temp	5000K (Cool)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	17,834
Efficacy	116.4 lm/W

**Technical Specifications****Compliance****UL Listed:**

Suitable for wet locations

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P31R4HSJ

**IESNA LM-79 & 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.

**Performance****Lifespan:**

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

**Construction****IES Classification:**

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**Maximum Ambient Temperature:**

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

**Cold Weather Starting:**

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

**Thermal Management:**

Superior thermal management with external "Air-Flow" fins

**Housing:**

Die-cast aluminum housing, lens frame and mounting arm

**Mounting:**

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

**Reflector:**

Specular vacuum-metallized polycarbonate

**Gaskets:**

High-temperature silicone gaskets

**Technical Specifications (continued)****Construction****Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**LED Characteristics****LEDs:**

Multi-chip, high-output, long-life LEDs

**Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

**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.

**Electrical****Driver:**

One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

**THD:**

6.6% at 120V, 12.1% at 277V

**Other****Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Patents:**

The design of WPLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico

**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.

**Optical****BUG Rating:**

B2 U0 G2

**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

**Adjustable Time Delay:**

Amount of time in high mode with no motion before switching to low mode: 5 min., 1 -30 min.

**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 Sensitivty:**

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

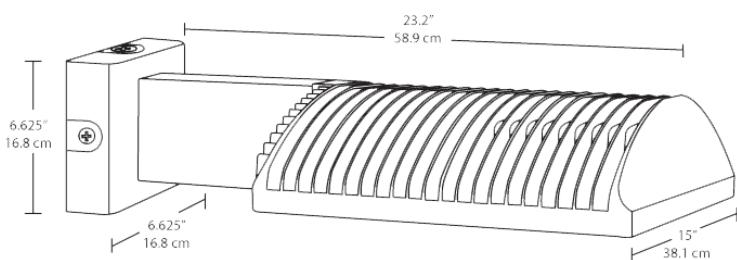
**Handheld Wireless Configuration Tool:**

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:**

\*60 ft. diameter coverage from 40 ft. height.

## Dimensions



## Features

- High performance LED light engine
- Maintains 70% of initial lumens at 100,000-hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- Replaces 400W MH
- 100 up to 277 Volts
- 5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Optics	Wattage	Color Temp	Mounting	Finish	Driver Options	Other Options
WPLED	2T	150		FX	W	/D10	/WS4
4T = Type IV	50 = 50W	Blank = 5000K Cool	Blank = Arm	Blank = Bronze	Blank = Standard	/480 = 480V	Blank = Standard
3T = Type III	78 = 78W	N = 4000K Neutral	FX = Flat Mount	W = White	/BL = Bi-Level	/PC = 120V Photocell	
2T = Type II	105 = 105W	Y = 3000K Warm			/D10 = 0-10V Dimming	/PC2 = 277V Photocell	
	125 = 125W				/480/D10 = 480V 0-10V Dimming	/PCT = 120-277V Twistlock Photocell	
	150 = 150W					/PCT4 = 480V Twistlock Photocell	
						/PCS = 120V Swivel Photocell	
						/PCS2 = 277V Swivel Photocell	
						/PCS4 = 480V Swivel Photocell	
						/WS = Multi-Level Motion Sensor	
						/WS2 = Multi-Level Motion Sensor (20 ft. mt. ht.)	
						/WS4 = Multi-Level Motion Sensor (40 ft. mt. ht.)	
						/LC = Lightcloud® Controller	