



Color: Bronze

Weight: 34.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	56.91W

LED Info

Watts	50W
Color Temp	5000K (Cool)
Color Accuracy	71 CRI
L70 Lifespan	100,000 Hours
Lumens	7,084
Efficacy	124.5 lm/W

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

Suitable for wet locations as a downlight

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: P9EHYDH8

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.

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

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 design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments

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:**

Constant Current, Class 2, 1400mA, 347-480V, 50-60Hz, 0.13A, Power Factor 99%

THD:

15.2% at 480V

Power Factor:

90.8% at 480V

Ballast Volts:

480V

Surge Protection:

6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.

Other**Patents:**

The WPLED™ design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

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.

Equivalency:

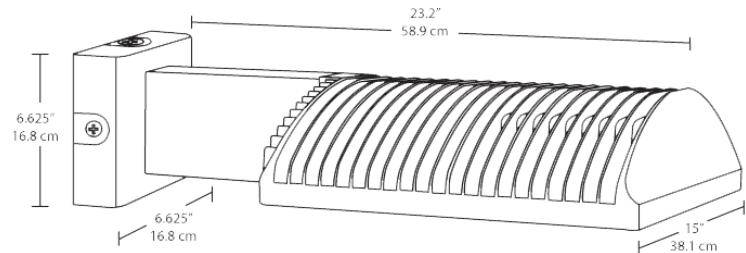
Equivalent to 200W Metal Halide

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.

Optical**BUG Rating:**

B1 U0 G1

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	50				/480	
4T = Type IV	50 = 50W	Blank = 5000K Cool	Blank = Arm	Blank = Bronze	Blank = Standard		Blank = Standard
3T = Type III	78 = 78W	N = 4000K Neutral	FX = Flat Mount	W = White	/480 = 480V	/PC = 120V Photocell	
2T = Type II	105 = 105W	Y = 3000K Warm			/BL = Bi-Level	/PC2 = 277V Photocell	
	125 = 125W				/D10 = 0-10V Dimming	/PCT = 120-277V Twistlock	
	150 = 150W				/480/D10 = 480V 0-10V	Photocell	
					Dimming	/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	