WPLED104

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	0.95A
208V:	0.59A
240V:	0.51A
277V:	0.44A
Input Watts:	113W
Efficiency:	92%

LED Info

Watts:	104W
Color Temp:	5100K (Cool)
Color Accuracy:	69 CRI
L70 Lifespan:	100,000
Lumens:	10,010
Efficacy:	88 LPW

LED 104W Wallpacks. 3 cutoff options. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze   Weight: 26.0 lbs

Technical Specifications

Listings

UL Listing:

UL Suitable for Wet Locations as Uplight and Downlight Wall Mount Only.

IESNA LM-79 & LM-80 Testing:

RAB LED Luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

DLC Listed:

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

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

Thermal Management:

Superior thermal management with external Air-Flow fins.

Housing:

Precision die-cast aluminum housing, door frame arm and wall bracket.

Mounting:

Die-cast aluminum wall bracket with (5) 1/2" conduit openings with plugs. Two-piece bracket with tether for ease of installation and wiring.

Arm:

Die-cast aluminum with wiring access plate.

Cutoff:

Standard (15°)

Lens:

Tempered glass.

Reflector:

Specular vacuum metallized polycarbonate.

Gaskets:

High-temperature silicone.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free, and RoHS compliant.

LED Characteristics

LEDs:

Four multi-chip, high-output, long-life LEDs.

Lifespan:

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

Color Consistency:

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

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 C78.377.2011.

Electrical

Driver:

Constant current, Class 1, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 100-277V = 0.95A, Power Factor 99.2%.

THD:

5.7% at 120V, 10.4% at 277VOther

Equivalency:

The WPLED104 is Equivalent in delivered lumens to a 400W Metal Halide Wallpack.

California Title 24:

See WPLED104/BL for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

Patents:

The design of the WPLED104 is protected by patents pending in US, 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.
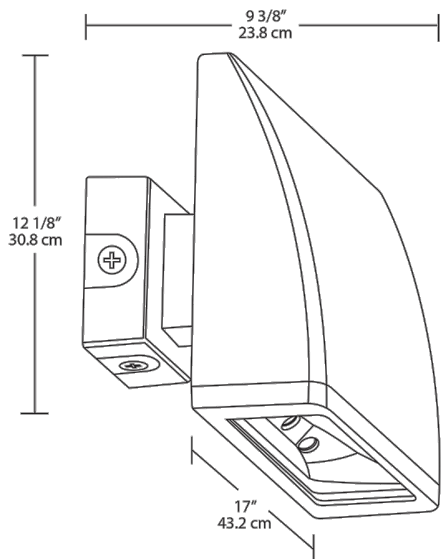
RAB LIGHTING

Technical Specifications (continued)

Optical

BUG Rating:

B1 U1 G3

Dimensions

9 3/8"
23.8 cm

12 1/8"
30.8 cm

17"
43.2 cm

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 warranty

Ordering Matrix

Family	Cutoff	Watts	Color Temp	Finish	Voltage	Photocell	Bi-Level
WPLED							
	Blank = Standard	**104** = 104W	**Blank** = Cool	**Blank** = Bronze	**Blank** = 120-277V	**Blank** = No Photocell	**Blank** = No Bi-Level
	C = Cutoff		**Y** = Warm	**W** = White	**/480** = 480V	**/PCS** = 120V Swivel	**/BL** = Bi-Level
	FC = Full Cutoff		**N** = Neutral			**/PCS2** = 277V Swivel	