



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

**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: 10,029  
Efficacy: 89 LPW

## 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.

#### Cold Weather Starting:

Minimum starting temperature is -40°F / -40°C.

#### 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:

Cutoff (7.5°)

#### 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 99.3%.

#### THD:

5.7% at 120V, 10.4% at 277V

### Other

#### Equivalency:

The WPLEDC104 is Equivalent in delivered lumens to a 400W Metal Halide Wallpack.

#### California Title 24:

See WPLEDC104/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.

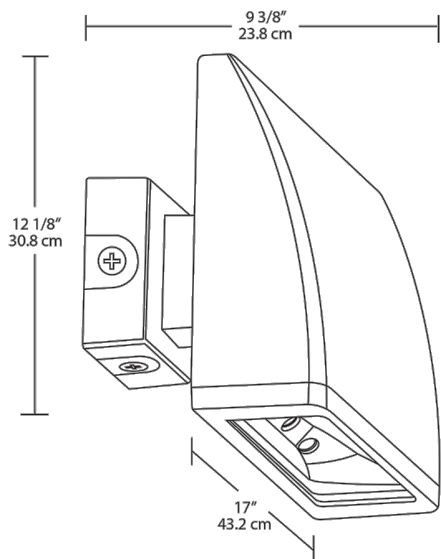
#### Patents:

The design of the WPLEDC104 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

Technical Specifications (continued)

|  |   |             |
|--|---|-------------|
| Other  | Trade Agreements Act Compliant:   | Optical     |
| Country of Origin:   | This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.  | BUG Rating: |
| Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.  |   | B1 U1 G2    |
| Buy American Act Compliant:  | GSA Schedule:   |             |
| This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.   | Suitable in accordance with FAR Subpart 25.4.   |             |
| Recovery Act (ARRA) Compliant:   | Warranty:   |             |
| This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010). | 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. |             |

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 warranty

Ordering Matrix

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