



LED 104W Wall packs. 3 cutoff options. patent-pending thermal management system. 100,000 hour L70 lifespan. 5-year, no-compromise warranty.

Color: Bronze

Weight: 27.4 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 | 107.90W          |
| Efficiency  | 96%              |

**LED Info**

|                |              |
|----------------|--------------|
| Watts          | 104.00W      |
| Color Temp     | 5000K (Cool) |
| Color Accuracy | 71 CRI       |
| L70 Lifespan   | 100,000      |
| Lumens         | 14,309       |
| Efficacy       | 132.6 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 and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**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: P000017AU

### Construction

**IP Rating:**

Ingress Protection rating of IP66 for dust and water

**Cold Weather Starting:**

Minimum starting temperature is -40°C (-40°F)

**Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F)

**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:**

Full-cutoff (0°)

**Lens:**

Tempered glass

**Reflector:**

Specular vacuum metallized polycarbonate

**Gaskets:**

High-temperature silicone

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### 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

## Technical Specifications (continued)

### LED Characteristics

#### 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.

#### Other

#### Patents:

The design of the WPLEDFC104 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's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

### Equivalency:

Equivalent to 400W 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:

B2 U0 G1

### Electrical

#### Driver:

Constant current, Class 1, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 100-277V = 0.95A, Power Factor 99.3%.

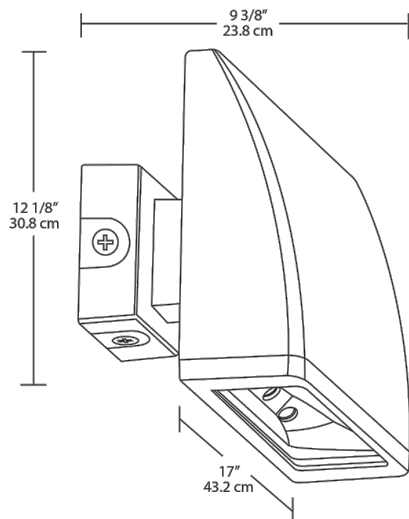
#### THD:

4.86% at 120V, 6.44% at 277V

#### Power Factor:

99.6% at 120V, 92.2% at 277V

## 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 | Cutoff  | Wattage    | Color Temp  | Finish                      | Driver Options                                     | Options   |
|--------|---|------------|---|-----------------------------|--|---|
| WPLED  | FC  | 104        |   |                             |  |   |
|        | Blank = Standard (15 degrees)<br>C = Cutoff (7.5 degrees)<br>FC = Full Cutoff (0 degrees) | 104 = 104W | Blank = 5000K (Cool)<br>N = 4000K (Neutral)<br>Y = 3000K (Warm) | Blank = Bronze<br>W = White | Blank = No Option<br>/480 = 480V<br>/BL = Bi-Level | Blank = No Option<br>/PCS = 120V Swivel Photocell<br>/PCS2 = 277V Swivel Photocell<br>/LC = Lightcloud® |