



LED 52W Wallpacks. 3 cutoff options. Patent Pending thermal management system. 100,000 hour L70 lifespan. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB. 5 Year Warranty.

Color: Bronze

Weight: 17.6 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	52W
120V:	0.52A	Color Temp:	5000K
208V:	0.37A	Color Accuracy:	65 CRI
240V:	0.32A	L70 Lifespan:	100000
277V:	0.28A	Lumens:	5,905
Input Watts:	61W	Efficacy:	97 LPW
Efficiency:	86%		

## Technical Specifications

### Lightcloud

#### Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

### Electrical

#### Dimming Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### Driver:

Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

#### THD:

4.3% at 120V, 12.4% at 277V

#### Surge Protection:

6kV

### Listings

#### UL Listing:

Suitable for wet locations.

#### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

#### IESNA LM-79 & LM-52 Testing:

RAB LED Luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-52, and have received the Department of Energy "Lighting Facts" label.

### LED Characteristics

#### LEDs:

Two (2) multi-chip, high-output, long-life LEDs.

#### Lifespan:

100,000-hour LED lifespan based on IES LM-52 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.

### Construction

#### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

#### Cold Weather Starting:

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

#### Maximum 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, lens frame.

#### 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 gaskets, including a wiring plug gasket, seal out moisture.

#### 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. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

## Technical Specifications (continued)

### Other

#### California Title 24:

See WPLEDFC52/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 WPLED design is protected by patents in the U.S. Pat D653,377, Canada Pat. 142252, China Pat. ZL201130356930.8, and Mexico Pat. 36921 and pending patent in TW.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

#### Warranty:

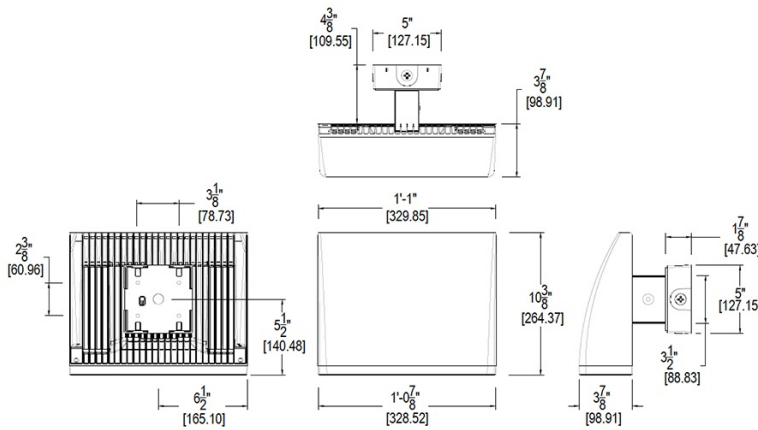
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### 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 250W MH
- Traditional wallpack look from the front
- 3 cutoff options
- 5-year warranty
- Built in support Lightcloud™
- Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

## Ordering Matrix

Family	Cutoff	Watts	Color Temp	Finish	Dimming	Lightcloud
WPLED	FC	52			/D10	/LC
	Blank = Standard (15°) C = Cutoff (7.5°) FC = Full Cutoff (0°)	52 = 52W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	/LC = Lightcloud