# WPLEDFC52W/BL

# RAB



LED 52W Wall packs. 3 cutoff options. patent-pending thermal management system. 100,000 hour L70 lifespan. 5-year, no-compromise warranty.

Color: White

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Proje	ect:	Туре:	Туре:			
Prep	ared By:	Date:				
Driver Ir	nfo	LED Info				
Туре	Constant Current	Watts	52W			
120V	0.51A	Color Temp	5000K (Cool)			
208V	0.33A	Color Accurac	y 72 CRI			

# Technical Specifications

#### Other

WPLEDFC52 with Bi-Level Operation:

Allows 50% and 100% output modes

#### 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 <u>rablighting.com/warranty.</u>

#### 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.

Replacement:

Replaces 250W HID

#### **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.

### Compliance

UL Listed:

Suitable for wet locations

#### IESNA LM-79 &lm-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNAIm-79 andIm-80

240V

277V

Input Watts 57W

0.29A

0.24A

#### 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. Designed to meet DLC 5.1 requirements. DLC Product Code: P0000170P

#### Performance

### Lifespan:

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

#### Wattage Equivalency:

Equivalent to 250W Metal Halide

#### LED Characteristics

**LEDs:** Two (2) 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 warrantied to shift no more than 200K in color temperature over a 5-year period

L70 Lifespan

Lumens

Efficacy

100,000 Hours

7,325 lm

128.5 lm/W

#### **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.

#### Construction

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:**

Cast aluminum Thermal Management system for optimal heat sinking. The WPLED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

#### 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.

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# **Technical Specifications (continued)**

Arm:

Die-cast aluminum with wiring access plate

**Cutoff:** Full-cutoff (0°)

Reflector: Specular vacuum-metallized polycarbonate

**Gaskets:** High-temperature silicone

Lens: Tempered glass

**Finish:** Formulated for high durability and long-lasting color

Green Technology: Mercury and UV free. RoHS-compliant components.

### Electrical

Driver:

Constant Current, 720mA, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .8 Amps

**THD:** 6.24% at 120V, 7.1% at 277V

**Power Factor:** 99.3% at 120V, 97.2% at 277V

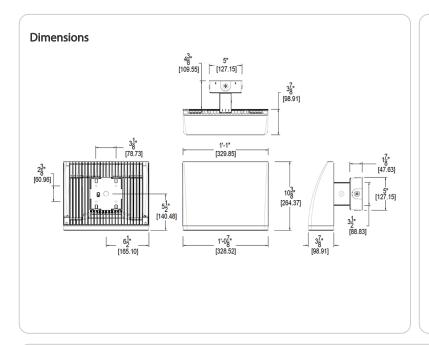
Surge Protection: 6kV

### Optical

**BUG Rating:** 

B1 U0 G1

# WPLEDFC52W/BL



## 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 wall pack look from the front

3 cutoff options

5-Year, No-Compromise Warranty

# **Ordering Matrix**

Family	Cutoff	Wattage	Color Temp	Finish	Driver Options	Options	Other Options
WPLED	FC	52		W	/BL		
	Blank = Standard (15 degrees) C = Cutoff (7.5 degrees) FC = Full Cutoff (0 degrees)	<b>52 =</b> 52W <b>80 =</b> 80W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White	Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming	Blank = No Option /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell /LC = Lightcloud® Controller	<b>Blank =</b> Standard <b>USA =</b> BAA Compliant