WPLEDFC104YW/LC

RAB



LED 104W Wall packs. 3 cutoff options. patent-pending thermal management system. 100,000 hour L70 lifespan. 5-year, no-compromise warranty. Includes built in support for Lightcloud, RAB's commercial wireless lighting control system. Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's nowerful and flexible, yet easy to use and install

Color: White

Weight

Technical Specifications

Compliance

UL Listed:

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

IP Rating:

Ingress protection rating of IP66 for dust and water

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: P000017AQ

LED Characteristics

LEDs:

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

Color Consistency:

3-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

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 C78.377.2011.

208V

240V

277V

0.59A

0.51A

0.44A

Input Watts 108.8W

Electrical

Driver:

Constant current, Class 1, 120-277V, 50/60 Hz, 4kV Surge Protection, 120V: 0.95A, 208V: 0.59A, 240V: 0.51A, 277V: 0.44A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

4.86% at 120V, 6.44% at 277V

Power Factor:

99.7% at 120V, 92.2% at 277V

Performance

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

Proje	ect:	Туре:				
Prepa	ared By:	Date:				
Driver Ir	nfo	LED Info				
Type 120V	Constant Current 0.95A	Watts Color Temp	104W 3000K (Warm)			

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Color Accuracy 72 CRI

100,000 Hours

13,893 lm

127.7

L70 Lifespan

Lumens

Efficacy

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

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:

Full-cutoff (0°)

Lens:

Tempered glass

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Technical Specifications (continued)

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.

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

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.

Lightcloud

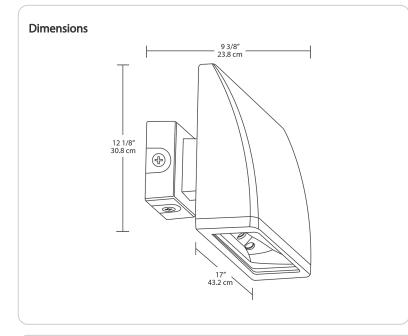
Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel. DLC system - NHCZ2BIA17L Learn more about Lightcloud.

Optical

BUG Rating: B2 U0 G2

WPLEDFC104YW/LC



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 Fixture Warranty and 10-Year, No-Compromise Lightcloud Warranty

Built in support Lightcloud[™]

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Ordering Matrix

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