



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	104W
120V	0.95A	Color Temp	4000K (Neutral)
208V	0.59A	Color Accuracy	74 CRI
240V	0.51A	L70 Lifespan	100,000 Hours
277V	0.44A	Lumens	14,515 lm
Input Watts	110.5W	Efficacy	131.4

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

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 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: P000017B4

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.

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:

5.22% at 120V, 7.4% at 277V

Power Factor:

99.7% at 120V, 92.4% at 277V

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 400W Metal Halide

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Housing:

Precision die-cast aluminum housing, door frame arm and wall bracket

Arm:

Die-cast aluminum with wiring access plate

Cutoff:

Standard (15°)

Lens:

Tempered glass

Reflector:

Specular vacuum metallized polycarbonate

Technical Specifications (continued)

Gaskets:

High-temperature silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

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.

Other

Patents:

The design of the WPLED104 is protected by patents pending in US, Canada, China, Taiwan and Mexico

Warranty:

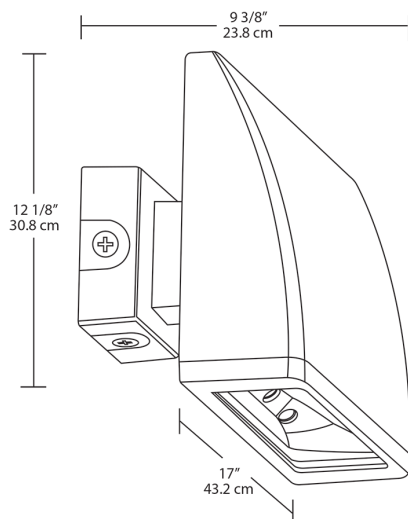
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Optical

BUG Rating:

B1 U2 G4

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		104	N	W		
<div><div>Blank = Standard (15 degrees) C = Cutoff (7.5 degrees) FC = Full Cutoff (0 degrees)</div><div>104 = 104W</div><div>Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm</div><div>Blank = Bronze W = White</div><div>Blank = No Option /480 = 480V /BL = Bi-Level</div><div>Blank = No Option /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCS4 = 480V Swivel Photocell</div></div>						