WPLED2T360N/D10/LC

RAB®

Project:	Type:
Prepared By:	Date:

Color: Bronze   Weight: 82.1 lbs

Driver Info

Type	Constant Current
120V	2.98A
208V	1.73A
240V	1.50A
277V	1.31A
Input Watts	357.4W

LED Info

Watts	360W
Color Temp	4000K (Neutral)
Color Accuracy	75 CRI
L70 Lifespan	100,000 Hours
Lumens	44,268 lm
Efficacy	123.9 lm/W

Technical Specifications

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.

Compliance

UL Listed:
Suitable for wet locations

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 IESNAlm-79 andlm-80

Construction

IES Classification:
The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

Maximum 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:
Superior heat sinking with external Air-Flow fins

Housing:
Die-cast aluminum with airflow fins for cooling

Lens:
Tempered glass

Reflector:
Vacuum-metalized polycarbonate

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

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

LED Characteristics

LEDs:
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 C78.377-2017.

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 2.98A, 208V: 1.73A, 240V: 1.50A, 277V: 1.31A

Technical Specifications (continued)

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

THD:
6.65% at 120V, 4.82% at 277V

Power Factor:
99.8% at 120V, 95.8% at 277V

Surge Protection:
6kV

Optical

BUG Rating:
B3 U0 G4

Other

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.

Patents:
The WPLED design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.
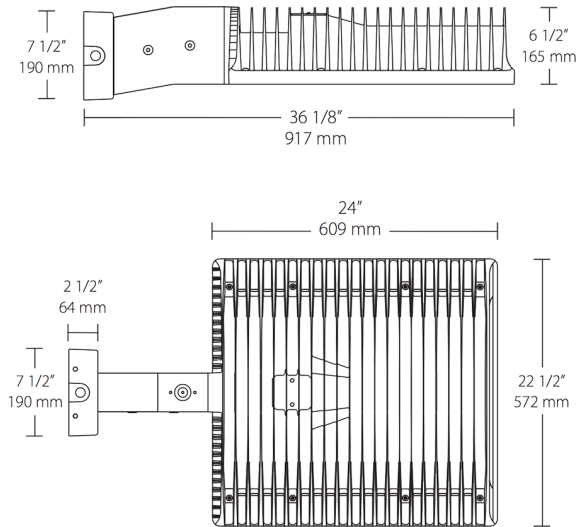
Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Performance

Wattage Equivalency:
Equivalent to 1,000W Metal Halide

WPLED2T360N/D10/LC

RAB®

Dimensions

7 1/2"
190 mm

6 1/2"
165 mm

36 1/8"
917 mm

24"
609 mm

2 1/2"
64 mm

7 1/2"
190 mm

22 1/2"
572 mm

Features

High output, high efficiency LED

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

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

Ordering Matrix

Family	Distribution	Wattage	Color Temp	Mounting	Finish	Dimming Driver Options	Options
WPLED	2T	360	N			/D10	/LC
	4T = Type IV **3T =** Type III **2T =** Type II	**260 =** 260W **360 =** 360W	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm	**Blank =** Arm **FX =** Flat Mount	**Blank =** Bronze **W =** White	**/D10 =** 120-277V, 0-10V Dimming **/480/D10 =** 480V, 0-10V Dimming	**/LC =** Lightcloud® Controller **Blank =** No Option **/PCT =** 120-277V Twistlock Photocell **/PCT4 =** 480V Twistlock Photocell **/WS4 =** Motion Sensor/Photocell (40' H/60' D) **/WS10 =** Motion Sensor/Photocell (40' H/100' D)

¹ *Not available for slipfitter models.*