WPLED3T105FXW/D10/LC

RAB

Color: Bronze   Weight: 34.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current		
120V	0.89A		
208V	0.58A		
240V	0.50A		
277V	0.44A		
Input Watts	107.8W		

LED Info

Watts	105W
Color Temp	5000K (Cool)
Color Accuracy	70 CRI
L70 Lifespan	10,000 Hours
Lumens	11,829 lm
Efficacy	109.7 lm/W

Technical Specifications

Lightcloud

Lightcloud Controller Installed:
Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more at www.lightcloud.com

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 IESNA LM-79 and LM-80.

Performance

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

Construction

IES Classification:
The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

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 thermal management with external "Air-Flow" fins

Housing:
Die-cast aluminum housing, lens frame and mounting arm

Reflector:
Specular vacuum-metallized 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.

Installation

Mounting:
Heavy-duty 1/2" thread mounting arm with "O" ring seal & stainless steel screws

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Technical Specifications (continued)

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 design of WPLED105 is protected by patents pending in US, 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.

Optical

BUG Rating:
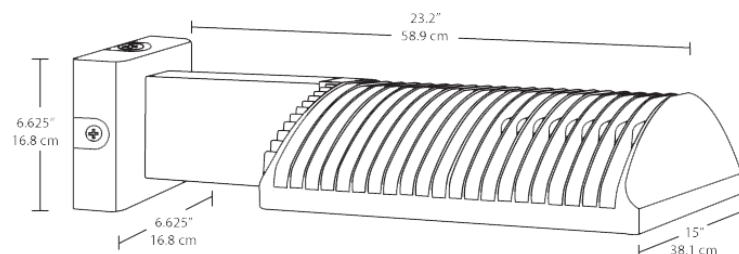B1 U0 G2

Electrical

Drivers:
Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

THD:
8.1% at 120V, 16.4% at 277V

Dimensions

23.2"
58.9 cm

6.625"
16.8 cm

6.625"
16.8 cm

15"
38.1 cm

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

Ordering Matrix

Family	Optics	Wattage	Color Temp	Mounting	Finish	Driver Options	Other Options
WPLED	3T	105	Y				

Optics
3T = Type III
2T = Type II
4T = Type IV

Wattage
50 = 50W
78 = 78W
105 = 105W
125 = 125W
150 = 150W

Color Temp
N = 4000K Neutral
Y = 3000K Warm
Blank = 5000K Cool

Mounting
Blank = Arm
FX = Flat Mount

Finish
Blank = Bronze
W = White

Driver Options
Blank = Standard
/480/D10 = 480V 0-10V Dimming
/D10 = 0-10V Dimming
/BL = Bi-Level
/480 = 480V

Other Options
Blank = Standard
/PC = 120V Photocell
/PC2 = 277V Photocell
/PCT = 120-277V Twistlock Photocell
/PCT4 = 480V Twistlock Photocell
/PCS = 120V Swivel Photocell
/PCS2 = 277V Swivel Photocell
/PCS4 = 480V Swivel Photocell
/WS2 = Multi-Level Motion Sensor (20 ft mt. ht.)
/WS4 = Multi-Level Motion Sensor (40 ft mt. ht.)
/LC = Lightcloud

[1] *Not available for slipfitter models.*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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