# WPLED4T105/480/PCT4





Ultra high output, high efficiency 105 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: Bronze Weight: 34.8 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	105W
120V:	N/A	Color Temp:	5000K
208V:	N/A	Color Accuracy:	65 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	10,384
Input Watts:	109W	Efficacy:	95 LPW
Efficiency:	96%		

### **Technical Specifications**

#### Electrical

### Photocell:

480V Photocell Included. Photocell is only compatible with 480V.

#### Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 347-480V, 50/60Hz, 0.25A, Power Factor 99%

### **Ballast Volts:**

480V

## Listings

#### **UL Listing:**

Suitable for wet locations.

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

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

## Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### **LED Characteristics**

## Lifespan:

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

#### LEDs:

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 CCT over a 5 year period.

#### **Color Uniformity:**

RAB's range of CCT (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.

#### Construction

### **IES Classification:**

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F) ambient temperatures

## **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

#### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Other

### California Title 24:

WPLED4T105/PCT4 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted at height greater than 24 feet.For mounting heights < 24 feet see WPLED4T105/BL with bi-level operation; additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

### 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.

#### Patents:

The design of WPLED105 is protected by patents pending in US, Canada, China, Taiwan and Mexico.



# **Technical Specifications (continued)**

Other

### **Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

### **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act

### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

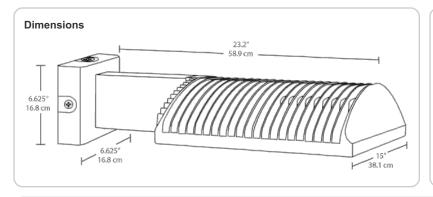
### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

#### Optical

## **BUG Rating:**

B1 U0 G2



### **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

100 up to 277 Volts

5-year warranty

Ordering Matrix									
Family	Distribution Watts	Color Temp	Mount	Finish	Voltage	Photocell	Dimming	Sensor	Bi-Level
WPLED									
	<b>2T</b> = Type II <b>105</b> = <b>3T</b> = Type III <sup>105</sup> V	5000K	Blank = Standard	Blank = Bronze	<b>Blank</b> = 120-277V	Blank = No Photocell	Blank = No Dimming	/WS2 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 105W)	Blank = No Bi-Level
	4T = Type IV	(Cool) Y = 3000K (Warm) N = 4000K (Neutral)	FX = Flat Wall	<b>W</b> = White	/ <b>480</b> = 480V	/PC = 120V Button /PC2 = 277 Button /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120- 277V Twistlock			/ <b>BL</b> = Bi- Level
						/PCS4 = 480V Swivel /PCT4 = 480V			
						Twistlock			