# WPLED3T105N/BL





Project:		Туре:	Туре:			
Prepared	By:	Date:				
Driver Info		LED Info				
Туре:	Constant Current	Watts:	105W			
120V:	0.89A	Color Temp:	4000K (Neutral)			
208V:	0.58A	Color Accuracy:	82 CRI			
240V:	0.50A	L70 Lifespan:	100,000			
277V:	0.44A	Lumens:	7,604			
	106W	Efficacy:	72 LPW			
Input Watts:	10011					

# **Technical Specifications**

# Other

# WPLED3T105 with Bi-Level Operation:

Allows 50% and 100% output modes.

## California Title 24:

WPLED3T105/BL with bi-level operation is compliant with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted up to 24 feet when used with a RAB photo/motion control.\_\_\_ Select a photo/motion control using catalog number STL110, STL200 or STL360.\_\_\_ Mounting heights greater than 24 feet require only a photocell. \_\_ See WPLED3T105/PC, WPLED3T105/PC2, WPLED3T105/PCS, WPLED3T105/PCS2 or WPLED3T105/PCT for photocell models.

# 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 WPLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

#### **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.

# 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.

# DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

# **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:

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 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 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.

#### **IP Rating:**

Ingress Protection rating of IP66 for dust and water.

# **Ambient Temperature:**

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

#### **Cold Weather Starting:**

The minimum starting temperature is -40°F/-40°C.

#### **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

# **Technical Specifications (continued)**

#### Construction

# 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, and RoHS compliant. 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.

#### Electrical

# Drivers:

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

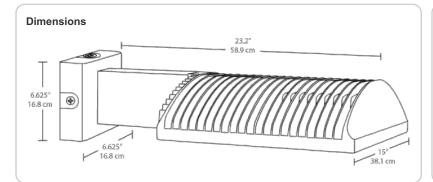
# THD:

7.9% at 120V, 16.8% at 277V



# WPLED3T105N/BL





# 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 Ma	atrix
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Fami	ly	Distribution	Watts	Color Temp	Mount	Finish	Voltage	Photocell	Dimming	Sensor	Bi-Level
WPL	ED										
		2T = Type II 3T = Type III 4T = Type IV	<b>105</b> = 105W	= Cool Y = Warm N = Neutral	= Standard FX = Flat Wall		= 120- 277V / <b>480</b> = 480V	= No Photocell /PC = 120V Button /PC2 = 277 Button /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120- 277V Twistlock /PCS4 = 480V Swivel /PCT4 = 480V Twistlock	= No Dimming /D10 = Dimmable	/WS2 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 105W)	= No Bi- Level /BL = Bi- Level