# PIPXL100TW/480/D10/7PR





Industry-leading efficacy, incredible value. The low-cost floodlight family just upped its game. PIPXL™ - up to 16,600 lumens and 100W of affordable LED light.

Color: White Weight: 20.6 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info  |                  | LED Info        |         |  |
|--------------|------------------|-----------------|---------|--|
| Type:        | Constant Current | Watts:          | 100W    |  |
| 120V:        | N/A              | Color Temp:     | 5000K   |  |
| 208V:        | N/A              | Color Accuracy: | 78 CRI  |  |
| 240V:        | N/A              | L70 Lifespan:   | 60000   |  |
| 277V:        | N/A              | Lumens:         | 15496   |  |
| Input Watts: | 109W             | Efficacy:       | 142 LPW |  |
| Efficiency:  | 92%              |                 |         |  |
|              |                  |                 |         |  |
|              |                  |                 |         |  |

# **Technical Specifications**

#### Listings

#### **UL Listing:**

Suitable for wet locations. Suitable for ground mounting.

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

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

#### **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.

DLC Product Code: PQ1EE8U3

#### Electrical

## **Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

## **Surge Protection:**

4kV

## THD:

7.1% at 120V, 8.4% at 277V

# 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

## **LED Characteristics**

# LEDs:

Long-life, high-efficiency surface mounting LEDs

#### Lifespan:

 $60,\!000\text{-}\text{hour}$  LED lifespan based on IES LM-80 results and TM-21 calculations.

#### **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 C78.377-2015.

#### Replacement:

Replaces up to 400W Metal Halide.

## Optical

## **NEMA Type:**

7H x 6V Beam Spread.

### Construction

### IP Rating:

Ingress Protection rating of IP66 for dust and water

# Thermal Management:

Superior thermal management with external "Air-Flow" fins.

### **Maximum Ambient Temperature:**

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

# **Cold Weather Starting:**

The minimum starting temperature is -22° F (-30° C).

# Housing:

Precision die-cast aluminum housing.

### Lens:

Two (2) clear acrylic lens with integrated optics

#### Mounting:

Heavy-duty Trunnion mount with stainless steel hardware.

#### **Effective Projected Area:**

EPA = 1.2

#### Gaskets:

High temperature silicone gaskets.

## Green Technology:

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

#### Finish:

Formulated for high-durability and long lasting color.

#### Other

## 5 Yr Limited Warranty:

RAB warrantees fixture operation and paint finish for a period of 5 years.

# **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.



# **Technical Specifications (continued)**

Other

## Recovery Act (ARRA) Compliant:

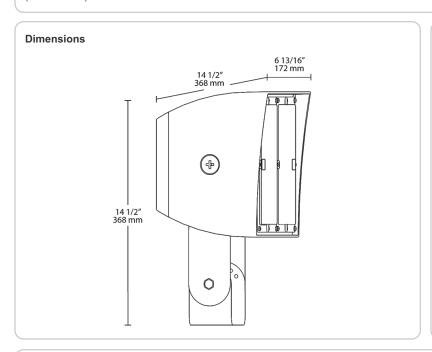
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

# **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.



# **Features**

Ultra-high efficiency

**DLC Premium** 

0-10V Dimming, standard

60,000-Hour LED lifespan

5-Year limited warranty

# **Ordering Matrix**

| Family | Watts             | Mount               | Color Temp                 | Finish         | Driver                           | Options                            |
|--------|-------------------|---------------------|----------------------------|----------------|----------------------------------|------------------------------------|
| PIPXL  | 100               | Т                   |                            | W              | /480/D10                         | /7PR                               |
|        | <b>100</b> = 100W | SF = Slipfitter     | Blank = 5000K (Cool)       | Blank = Bronze | / <b>D10</b> = Dimmable 120-277V | Blank = No Options                 |
|        | <b>70</b> = 70W   | <b>T</b> = Trunnion | <b>N</b> = 4000K (Neutral) | W = White      | /480/D10 = Dimmable 480V         | /PCU = 120-277V Button Photocell   |
|        |                   |                     | <b>Y</b> = 3000K (Warm)    |                |                                  | /PCT = 120-277V Twistlock photocel |
|        |                   |                     |                            |                |                                  | /PCT4 = 480V Twistlock photocell   |
|        |                   |                     |                            |                |                                  | /7PR = 7-Pin Receptacle            |
|        |                   |                     |                            |                |                                  | /BL = Bi-Level                     |
|        |                   |                     |                            |                |                                  | /LC = Lightcloud                   |