PIP45/D10

RAB

The low-cost floodlight family just upped its game. PIP™ - now up to 45W of affordable LED light.

Color: Bronze   Weight: 4.6 lbs

Driver Info

Type	Constant Current
120V	0.42A
208V	0.26A
240V	0.22A
277V	0.19A
Input Watts	49.4W

LED Info

Watts	45W
Color Temp	5000K (Cool)
Color Accuracy	78 CRI
L70 Lifespan	60,000 Hours
Lumens	6,387
Efficacy	129.3 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for ground mounting.

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.

Electrical

Driver:

Constant Current, Class 2, 50/60 Hz, 2kV, 120 - 277VAC 120: 0.42A, 208V: 0.26A, 240V: 0.22A, 277V: 0.19A

Dimming Driver:

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

THD:

11.5% at 120V, 14.7% at 277V

Power Factor:

99% at 120V, 94.2% at 277V

Surge Protection:

+/- 1kV line to line (differential mode)/ +/- 2kV line to common mode ground (tested to secondary ground) on AC power port, +/- 0.5 kV for outdoor cables

Note:

All values are typical (tolerance +/- 10%)

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

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.

Performance

Lifespan:

60,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Optical

NEMA Type:

7H x 6V Beam Spread

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Technical Specifications (continued)

Construction

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Housing:

Precision die-cast aluminum housing and mounting arm

Lens:

Frosted acrylic lens with built-in optics

Mounting:

Mounting arm with "O" ring seal, seal plug and stainless steel screw

Gaskets:

High-temperature silicone gaskets

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Other

Equivalency:

Equivalent to 150W Metal Halide

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

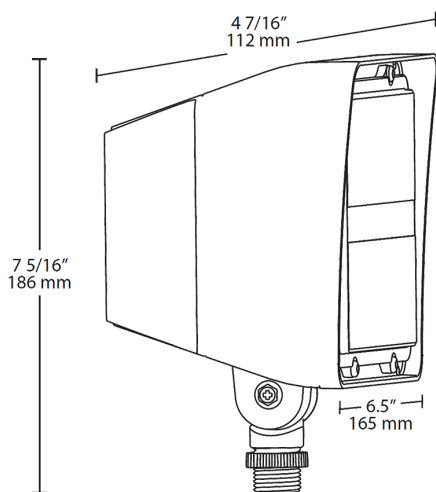### Buy American Act Compliance:

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.

Listings

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: PSRDR38U

Dimensions

4 7/16"
112 mm

7 5/16"
186 mm

6.5"
165 mm

Features

0-10V Dimming, standard

Replaces 150W MH

60,000-Hour LED lifespan

5-Year, Limited Warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver	Sensor Options	Other Options
PIP	45			/D10		
	15 = 15W **20** = 20W **30** = 30W **45** = 45W	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Bronze **W** = White	**/D10** = 0-10V Dimming	**Blank** = No Photocell **/PCU** = 120-277V Button Photocell	**USA** = BAA Compliant **Blank** = Standard