



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: Bronze

Weight: 20.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 0.93A
208V: 0.56A
240V: 0.49A
277V: 0.41A
Input Watts: 111W
Efficiency: 90%

LED Info

Watts: 100W
Color Temp: 5000K (Cool)
Color Accuracy: 78 CRI
L70 Lifespan: 60,000
Lumens: 15839
Efficacy: 143 LPW

Technical Specifications

Listings

UL Listing:

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.

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: P2PSU64X

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

Power Factor:

96.9% at 480V

Photocell:

120-277V twistlock photocell included. Photocell is compatible with 120-277V.

LED Characteristics

Note:

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

LEDs:

Long-life, high-efficacy surface mount LEDs

Lifespan:

60,000-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 C78.377-2017.

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 40°C (104°F) ambient temperatures

Cold Weather Starting:

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

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 = 1.4

Gaskets:

High temperature silicone gaskets

Green Technology:

Mercury and UV-free. RoHS compliant components.

Finish:

Formulated for high-durability and long lasting color

Other

Replacement:

Replaces up to 400W 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

Features

- Ultra-high efficiency
- DLC Premium
- 0-10V Dimming, standard
- 60,000-Hour LED lifespan
- 5-Year, Limited Warranty

Ordering Matrix

Family	Wattage	Mount	Color Temp	Finish	Driver	Options	Other Options
PIPXL	100	SF	^	^	/D10	/PCT	^
70 = 70W		SF = Slipfitter	Blank = 5000K (Cool)	Blank = Bronze	/D10 = Dimmable 120-277V	Blank = No Options	USA = BAA Compliant
100 = 100W		T = Trunnion	N = 4000K (Neutral)	W = White	/480/D10 = Dimmable 480V	/PCU = 120-277V Button Photocell	Blank = Standard
			Y = 3000K (Warm)			/PCT = 120-277V Twistlock photocell	
						/PCT4 = 480V Twistlock photocell	
						/7PR = 7-Pin Receptacle	
						/BL = Bi-Level	
						/LC = Lightcloud	