

PETROLUX® LED PXLW - Wet Locations

FREQUENTLY ASKED QUESTIONS



In which applications would this fixture be used?

Ideal for heavy industrial and manufacturing environments as well as parking garages, tunnels, water and wastewater treatment facilities, petroleum refineries, ethanol facilities, chemical plants, power plants, textile mills, and covered outdoor applications.

What is the ambient temperature range of this product?

Rated for ambient temperatures from -40°F to 149°F (-40°C to 65°C) as outlined below.

Package	Ambient Rating* (120V - 277V)
PXLW 3000LM	-40°F to 149°F (-40°C to 65°C)
PXLW 5000LM	-40°F to 149°F (-40°C to 65°C)
PXLW 8000LM	-40°F to 140°F (-40°C to 60°C)
PXLW 10000LM	-40°F to 131°F (-40°C to 55°C)

* Some options may lower maximum ambient; see spec sheet.



Will USPOM production be available?

Yes. USPOM may be specified for production in Crawfordsville, IN.

What are the listings for this product?

PXLW is UL listed to 1598 standard (wet locations) and is IP65, IP66 and IP67 rated.

Will this product be listed with Design Lights Consortium?

Yes. Submittal is in process.

What is the vibration rating of the PXLW?

PXLW was successfully tested at 1G.

How is the luminaire mounted?

Universal mount for ceiling/pendant is available. Optional universal arm is available for wall/stanchion applications. Gasketed hook with wet location rated cord/plug. Yoke mount with 0° -90° angle available. The yoke can be adjusted in 15° increments with markers on the yoke for easy installation. The yoke is shipped standard in the 90° orientation.

What voltages are available?

Standard drivers are 120V - 277V or 347V/480V. A dedicated HVOLT (347V/480V) driver is used. XPoint™ Wireless controls require an MVOLT (120V-277V) driver with a step-down transformer.

*Data is accurate as of 04/18. Information is subject to change without notice.

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What color temperatures are available?

3000K, 4000K and 5000K color temperatures are available.

What is the CRI?

70, 80 and 90 CRI are available.

What is the weight of the luminaire?

PXLW weighs approximately 19 pounds. Some options and accessories will increase the weight.

Will a wire guard be available?

Yes. An 11gauge steel wire, zinc and clear chromate coated wire guard is available. It covers the glass lens only.

What are the LED lumen maintenance factors?

PROJECTED LUMEN MAINTENANCE ¹						
Package	0 Hours	15,000 Hours	30,000 Hours	45,000 Hours	60,000 Hours ²	100,000 Hours
PXLW 3000LM	1.0	0.96	0.93	0.90	0.87	0.79
PXLW 5000LM	1.0	0.97	0.94	0.91	0.88	0.80
PXLW 8000LM	1.0	0.96	0.92	0.89	0.86	0.77
PXLW 10000LM	1.0	0.96	0.93	0.90	0.87	0.79

¹ Projected Lumen Maintenance factors at max rated ambient temperature per lumen package.

² TM-21-11 allows projection of L70 > 60,000 hours; LM-80-08 data calculates listed lumen maintenance factor at 60,000 hours based on 10,000 hours of testing).

Is the product dimmable?

Luminaire is standard with 0-10V dimming.

What level of surge protection is available?

Standard product ships with 10kV/5kA surge protection. Battery pack fixtures ship standard with two surge devices.

Is an emergency battery pack available?

An emergency battery pack is available with the 3000LM and 5000LM packages. This option will be available with the 8000LM and 10000LM packages in the coming months.

What controls options are available?

PXLW is available with dimming, non-dimming and XPoint™ wireless sensors. Also available with XPoint™ wireless relays and field adjustable output.

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What happens when one LED fails? Do all LEDs go out?

Our fault tolerant LED system ensures that if one LED were to fail, only one string of LEDs (out of 4) on the board will fail on the 3000LM and 5000LM packages. 2 strings of LEDs (out of 4) on the board will fail on the 8000LM and 1000LM packages.

What lens options are available?

Prismatic borosilicate glass and silicone lenses are available.

What are the benefits of the silicone lens?

The Silicone lens is impact resistant and will not brown, chip, shatter or break. It is chemical resistant, can be used in higher temperatures, little to no yellowing and has high transmissivity.

What is a CR finish?

More Corrosion Resistant Finish. The paint is an epoxy primer based powder coat. There are benefits to both polyester and epoxy based paint. The epoxy has more corrosion resistant properties than polyester. However, the polyester has superior UV resistant properties. The CR finish, combined with our super durable paint, passes a 5000 hour salt fog test.

What is the lead-time for standard product?

Manufacturing lead time of 20 days at launch. Lead time will be adjusted to 5 days once the factory is ready.

What is the warranty?

Five-year limited warranty. Full warranty terms are located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.asp.

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