



LINEAR IP68/IP69K LUMINAIRE

Product Features

Easy to Install Quick-Connect Cabling

Convenient push-and-click connectors and cabling make WPX Series fixtures easy to install and daisy chain

Embedded Aluminum Heatsink

Embedded aluminum heatsink provides ample cooling for a long lifetime and allows the fixture to operate in cold and hot weather environments

Superior Chemical & UV Resistance

Seamless polymeric outer shell provides IP68/IP69K ingress protection and is specialized for either superior chemical resistance or UV resistance

Performance Summary

Delivered Light Output: Up to 12,000 Lumens

Efficacy: Up to 140 LPW

CRI: Typical 85 CRI

CCT: 5000K & 4000K

Lifetime: Designed to last 100,000 Hours at 25°C

Warranty: 5 Years (see ggled.net for terms)

Mounting: Ceiling or Wall

Dimensions: Length Varies, Width 1.25" x Height 1.75"

Run Length: Up to 72' (See Power Requirements Table)

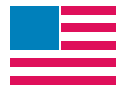
Ordering Information

| Product | Length | Lumen Output | Color Temp. | Dimming | Lens/Housing |
|------------|--------------------|---|--------------------------------------|---------------------------------------|---|
| WPX | | | | | |
| | 8 8-Foot | SO (standard) Standard Output (1000 Lumens/Ft) | 50K (standard) 5000 Kelvin | Blank (standard) No Dimming | Blank (standard) Chemical Resistant Clear Lens |
| | 6 6-Foot | HO High Output (1500 Lumens/Ft) | 40K 4000 Kelvin | DIM 0-10V Dimming | GC (glare control) Chemical Resistant Diffused Lens |
| | 4 4-Foot | | | | UVO Outdoor-Rated with UV-Blocking Coating |
| | 2 2-Foot | | | | |

Power & Connection Accessories

| Cable | Type | Length | Wire | Power Supply | Max Output | Enclosure | Voltage |
|------------|--------------|------------------|--------------|--------------|------------|-----------|-------------|
| WPX-JMP-1 | Jumper | 1ft / End-to-End | 14 AWG SJOOW | WPX-PSU-40 | 40W | IP67 | 120-277 VAC |
| WPX-JMP-2 | Jumper | 2ft | 14 AWG SJOOW | WPX-PSU-80 | 80W | IP67 | 120-277 VAC |
| WPX-JMP-4 | Jumper | 4ft | 14 AWG SJOOW | WPX-PSU-120 | 120W | IP67 | 120-277 VAC |
| WPX-JMP-8 | Jumper | 8ft | 14 AWG SJOOW | WPX-PSU-240 | 240W | IP67 | 120-277 VAC |
| WPX-JMP-16 | Jumper | 16ft | 14 AWG SJOOW | WPX-PSU-320 | 320W | IP67 | 120-277 VAC |
| WPX-JMP-20 | Jumper | 20ft | 14 AWG SJOOW | WPX-PSU-600 | 600W | IP67 | 120-277 VAC |
| WPX-LDR-8 | Leader Cable | 8ft | 14 AWG SJOOW | | | | |
| WPX-LDR-25 | Leader Cable | 25ft | 14 AWG SJOOW | | | | |

| Cable Joiners | Description | Mounting Hardware | Description |
|---------------|---|-------------------|----------------------------|
| WPX-CBJ-2P | Waterproof Cable Connector, 2-Pin | WPX-MNT-NM | Non-Metalic Quick Latch |
| WPX-CBJ-3P | Waterproof Cable Connector, 3-Pin (Dimming) | WPX-MNT-SS | Stainless Steel Bolt Latch |



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Product Specifications

Construction & Materials

Convenient push-and-click connectors let you easily and rapidly install Leader Cables and Jumper Cables. Multiple cable lengths support a variety of layouts.

Integrated aluminum heat spreader.

Polymeric lens is specialized for either superior chemical resistance or UV resistance.

All G&G luminaires and components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

Optical System

Full Definition LEDs.

Durable polymeric lens.

Lens and heat-sink base are co-extruded simultaneously, providing a seamless bond and IP68/IP69K waterproof capabilities.

Electrical System

Power Factor: 0.9 nominal.

Input Power: Stays consistent over life.

Temperature Rating: Designed to operate in temperatures -40°C to 55°C.

Total Harmonic Distortion: < 20%

Regulatory Qualifications

cULus listed.

IP68/IP69K system.

UL listed for wet locations.

DLC listed

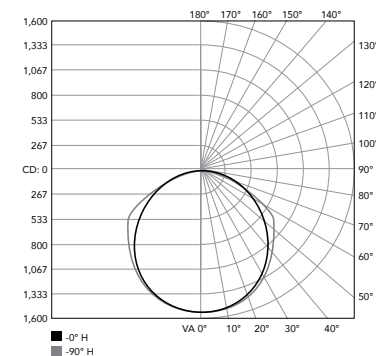
Photometry

WPX Series

Based on DTC Report Test #: 14404-T

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

Polar Candela Distribution



Zonal Lumen Summary

| Zone | Luminaire |
|-------|-----------|
| 0-30 | 26.2% |
| 0-40 | 43.2% |
| 0-60 | 77.4% |
| 0-90 | 98.5% |
| 0-180 | 100% |

Data: Lumen Output / Power Requirements

| Length & Output | 5000K | | 4000K | | Fixture Watts | Fixtures Supported per Power Supply | | | | | |
|-----------------|----------|-----------------|----------|-----------------|---------------|-------------------------------------|--------|---------|---------|---------|---------|
| | Lumens | Lumens Per Watt | Lumens | Lumens Per Watt | | PSU-40 | PSU-80 | PSU-120 | PSU-240 | PSU-320 | PSU-600 |
| WPX8 - SO | 8,000 L | 140 LPW | 7,600 L | 133 LPW | 57 W | 0 | 1 | 1 | 3 | 5 | 9 |
| WPX6 - SO | 6,000 L | 140 LPW | 5,700 L | 133 LPW | 43 W | 0 | 1 | 2 | 5 | 6 | 12 |
| WPX4 - SO | 4,000 L | 140 LPW | 3,800 L | 133 LPW | 29 W | 1 | 2 | 3 | 7 | 10 | 18 |
| WPX2 - SO | 2,000 L | 140 LPW | 1,900 L | 133 LPW | 15 W | 2 | 4 | 7 | 14 | 20 | 35 |
| WPX8 - HO | 12,000 L | 132 LPW | 11,400 L | 125 LPW | 91 W | 0 | 0 | 1 | 2 | 3 | 6 |
| WPX6 - HO | 9,000 L | 132 LPW | 8,550 L | 125 LPW | 68 W | 0 | 1 | 1 | 3 | 4 | 8 |
| WPX4 - HO | 6,000 L | 132 LPW | 5,700 L | 125 LPW | 45 W | 0 | 1 | 2 | 4 | 6 | 12 |
| WPX2 - HO | 3,000 L | 132 LPW | 2,850 L | 125 LPW | 23 W | 1 | 3 | 4 | 8 | 12 | 24 |