

## LINEAR IP68/IP69K LED 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 superior chemical resistance. An additional protective coating is available which integrates a UV inhibitor and UV blocker for outdoor applications.

### 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' of luminaires (not including jumpers)

**Ambient Temperature:** -40°C to 55°C

### Ordering Information

Product	Length	Lumen Output	Color Temp.	Dimming	Lens Diffusion	UV Protection	Through Wired
<b>WPX</b>							
	<b>2</b> 2-Foot	<b>SO</b> Standard Output 1000 Lumens/Ft 7 Watts/Ft	<b>50K</b> 5000 Kelvin	<b>Blank</b> (standard) No Dimming	<b>Blank</b> (standard) Chemical Resistant Clear Lens	<b>Blank</b> (standard) No Coating, Rated for Indoor Use	<b>Blank</b> (standard) Connectors on Input & Output for ability to Daisy Chain fixtures
	<b>4</b> 4-Foot		<b>40K</b> 4000 Kelvin	<b>DIM</b> 0-10V Dimming	<b>GC</b> (glare control) Chemical Resistant Lens with Added Diffusion Sheet	<b>UVO</b> Outdoor-Rated with UV-Blocking Coating	<b>SE</b> (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install
	<b>6</b> 6-Foot	<b>HO</b> High Output 1500 Lumens/Ft 11 Watts/Ft					
	<b>8</b> 8-Foot						

### Power & Connection Accessories

Cable	Type	Length	Wire
WPX-JMP-1	Jumper	1ft / End-to-End	14 AWG SJOOW
WPX-JMP-2	Jumper	2ft	14 AWG SJOOW
WPX-JMP-4	Jumper	4ft	14 AWG SJOOW
WPX-JMP-8	Jumper	8ft	14 AWG SJOOW
WPX-JMP-12	Jumper	12ft	14 AWG SJOOW
WPX-JMP-16	Jumper	16ft	14 AWG SJOOW
WPX-JMP-20	Jumper	20ft	14 AWG SJOOW
WPX-LDR-8	Leader Cable	8ft	14 AWG SJOOW
WPX-LDR-25	Leader Cable	25ft	14 AWG SJOOW

Power Supply	Max Output	Enclosure	Voltage
WPX-PSU-80	80W	IP67	120-277 VAC
WPX-PSU-120	120W	IP67	120-277 VAC
WPX-PSU-240	240W	IP67	120-277 VAC
WPX-PSU-320	320W	IP67	120-277 VAC
WPX-PSU-480	480W	IP67	120-277 VAC
WPX-PSU-600	600W	IP67	120-277 VAC

Mounting Hardware	Description
WPX-MNT-NM	Non-Metalic Quick Latch
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.

Seamless copolyester outer shell provides IP68/IP69K ingress protection and is specialized for superior chemical resistance. Additional protective coating is available which integrates a UV inhibitor and UV blocker for outdoor applications.

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

#### 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.



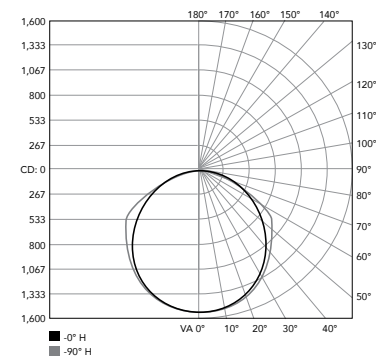
### Photometry

#### 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%

### Lumen & Power Data

Length & Output	5000K		4000K		Fixture Watts	Fixtures Supported per Power Supply					
	Lumens	Lumens Per Watt	Lumens	Lumens Per Watt		PSU-80	PSU-120	PSU-240	PSU-320	PSU-480	PSU-600
WPX8 - SO	8,000 L	140 LPW	7,600 L	133 LPW	57 W	1	1	3	5	7	9
WPX6 - SO	6,000 L	140 LPW	5,700 L	133 LPW	43 W	1	2	5	6	9	10
WPX4 - SO	4,000 L	140 LPW	3,800 L	133 LPW	29 W	2	3	7	9	13	15
WPX2 - SO	2,000 L	140 LPW	1,900 L	133 LPW	15 W	4	6	12	18	22	22
WPX8 - HO	12,000 L	132 LPW	11,400 L	125 LPW	91 W	0	1	2	3	4	5
WPX6 - HO	9,000 L	132 LPW	8,550 L	125 LPW	68 W	1	1	3	4	6	7
WPX4 - HO	6,000 L	132 LPW	5,700 L	125 LPW	45 W	1	2	4	6	8	9
WPX2 - HO	3,000 L	132 LPW	2,850 L	125 LPW	23 W	3	4	8	12	16	16