

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 16,000 Lumens

Efficacy: Up to 160 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
WPX							
2 2-Foot	SO Standard Output 1000 Lumens/Ft	50K 5000 Kelvin	Blank (standard) No Dimming	Blank (standard) Chemical Resistant Clear Lens	Blank (standard) No Coating, Rated for Indoor Use	Blank (standard) Connectors on Input & Output for ability to Daisy Chain fixtures	
4 4-Foot	HO High Output 1500 Lumens/Ft	40K 4000 Kelvin	DIM 0-10V Dimming	GC (glare control) Chemical Resistant Lens with Added Diffusion Sheet	UVO Outdoor-Rated with UV-Blocking Coating	SE (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install	
6 6-Foot	SHO* Super High Output 2000 Lumens/Ft						
8 8-Foot							

*Available in 4' & 8' 50K CCT Only

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

NEMA 4X, NEMA 6P rated



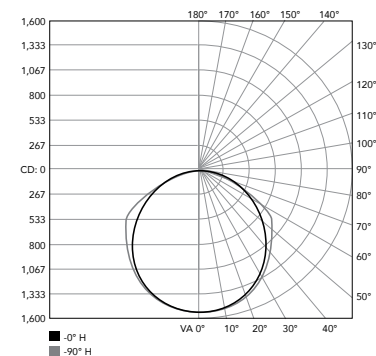
Photometry

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	160 LPW	7,600 L	150 LPW	50 W	1	2	4	5	8	10
WPX6 - SO	6,000 L	160 LPW	5,700 L	150 LPW	37 W	2	3	6	7	9	10
WPX4 - SO	4,000 L	160 LPW	3,800 L	150 LPW	25 W	3	4	8	10	13	15
WPX2 - SO	2,000 L	160 LPW	1,900 L	150 LPW	12 W	6	8	14	20	22	22
WPX8 - HO	12,000 L	150 LPW	11,400 L	140 LPW	80 W	0	1	2	3	5	6
WPX6 - HO	9,000 L	150 LPW	8,550 L	140 LPW	60 W	1	1	3	4	7	8
WPX4 - HO	6,000 L	150 LPW	5,700 L	140 LPW	40 W	1	2	5	7	9	9
WPX2 - HO	3,000 L	150 LPW	2,850 L	140 LPW	20 W	3	4	9	13	16	16
WPX8 - SHO	16,000 L	140 LPW	-	-	115 W	0	1	1	2	3	4
WPX4 - SHO	8,000 L	140 LPW	-	-	58 W	1	2	3	5	7	8