

Low-Profile Linkable LED Linear Luminaire for Harsh Environments

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

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



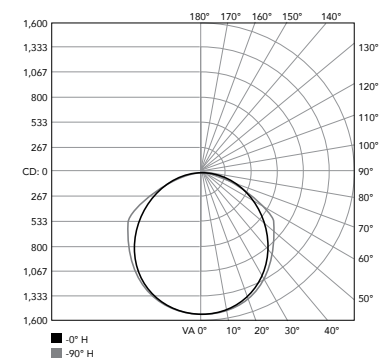
Photometry

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

Dimensions

Model	Fixture Diameter	Fixture Length		Mounted	
		Thru Wire	Single End	Width	Height
WPX2	1.0"	25.82"	24.27"	1.25"	1.75"
WPX4	1.0"	47.82"	46.27"	1.25"	1.75"
WPX6	1.0"	69.82"	68.27"	1.25"	1.75"
WPX8	1.0"	91.82"	90.27"	1.25"	1.75"