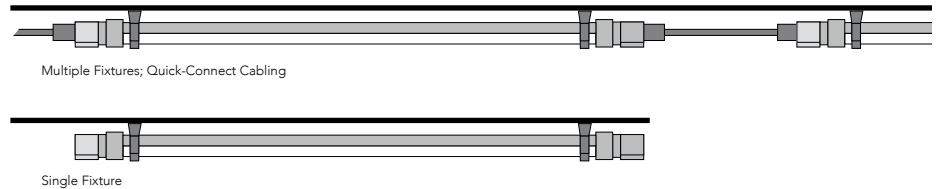


Date

Project



**IP68
IP69K
CERTIFIED**



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)

Ordering Information

Product	Length	Lumen Output	Color Temp.	Dimming	Lens Diffusion	UV Protection
WPX	—	—	—	—	—	—
8 8-Foot	4 4-Foot	SO (standard) Standard Output (1000 Lumens/Ft)	50K (standard) 5000 Kelvin	Blank (standard) No Dimming	Blank (standard) Chemical Resistant Clear Lens	Blank (standard) No Coating, Rated for Indoor Use
6 6-Foot	2 2-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

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-12	Jumper	12ft	14 AWG SJOOW	WPX-PSU-320	320W	IP67	120-277 VAC
WPX-JMP-16	Jumper	16ft	14 AWG SJOOW	WPX-PSU-480	480W	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
WPX-CBJ-2P	Waterproof Cable Connector, 2-Pin
WPX-CBJ-3P	Waterproof Cable Connector, 3-Pin (Dimming)

Mounting Hardware	Description
WPX-MNT-NM	Non-Metallic Quick Latch
WPX-MNT-SS	Stainless Steel Bolt Latch



LINEAR IP68/IP69K LED LUMINAIRE

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

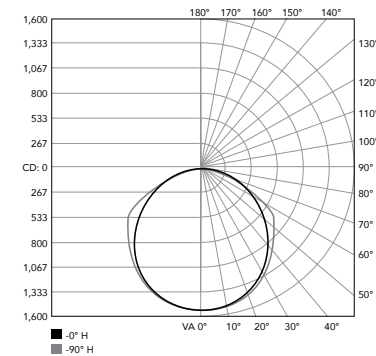
Photometry

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%

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-480	PSU-600
WPX8 - SO	8,000 L	140 LPW	7,600 L	133 LPW	57 W	0	1	1	3	5	7	9
WPX6 - SO	6,000 L	140 LPW	5,700 L	133 LPW	43 W	0	1	2	5	6	9	10
WPX4 - SO	4,000 L	140 LPW	3,800 L	133 LPW	29 W	1	2	3	7	9	13	15
WPX2 - SO	2,000 L	140 LPW	1,900 L	133 LPW	15 W	2	4	6	12	18	22	22
WPX8 - HO	12,000 L	132 LPW	11,400 L	125 LPW	91 W	0	0	1	2	3	4	5
WPX6 - HO	9,000 L	132 LPW	8,550 L	125 LPW	68 W	0	1	1	3	4	6	7
WPX4 - HO	6,000 L	132 LPW	5,700 L	125 LPW	45 W	0	1	2	4	6	8	9
WPX2 - HO	3,000 L	132 LPW	2,850 L	125 LPW	23 W	1	3	4	8	12	16	16