IP68 IP69K CERTIFIED   **NEMA 4X**   **IK10 IMPACT** CERTIFIED   **BAA BABAA** COMPLIANT
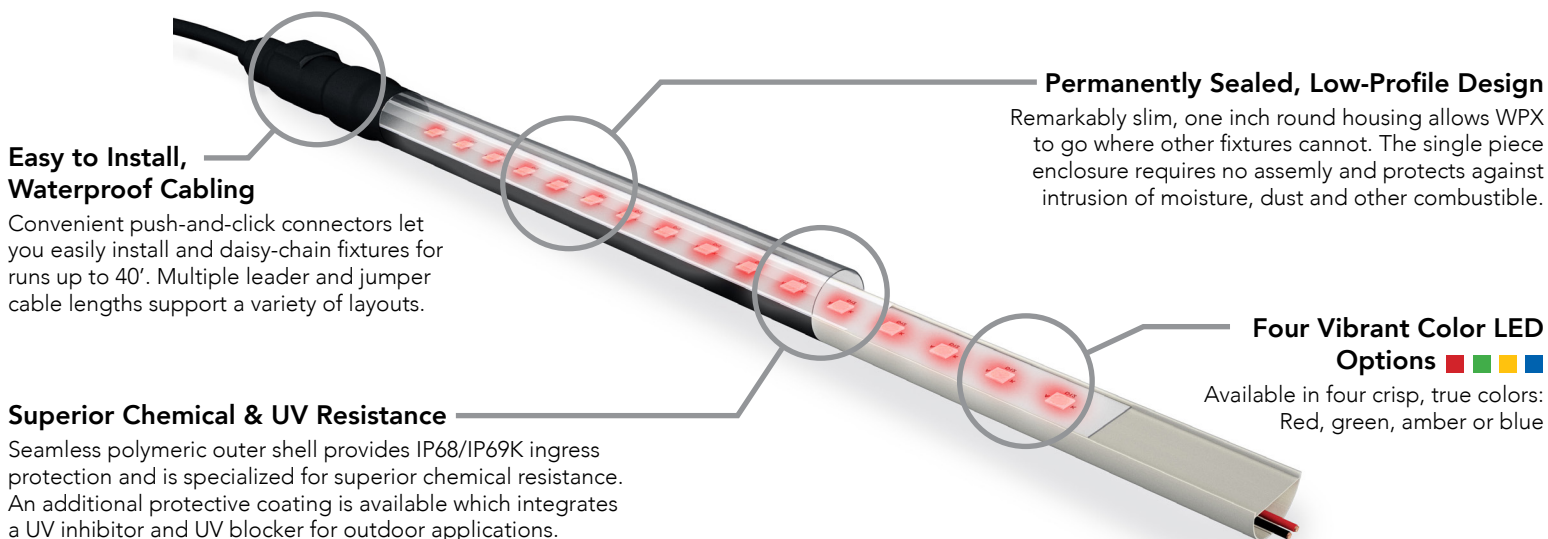
Proudly made in America

Low-Profile, Linkable LED Linear Luminaire for Color Effects in Harsh Environments

Easy to Install, Waterproof Cabling
Convenient push-and-click connectors let you easily install and daisy-chain fixtures for runs up to 40'. Multiple leader and jumper cable lengths support a variety of layouts.

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.

Permanently Sealed, Low-Profile Design
Remarkably slim, one inch round housing allows WPX to go where other fixtures cannot. The single piece enclosure requires no assemly and protects against intrusion of moisture, dust and other combustible.

Four Vibrant Color LED Options
Available in four crisp, true colors: Red, green, amber or blue

PERFORMANCE SUMMARY

CCT: Four static / single color options - Red, green, amber or blue

Lifetime: 100,000 Hours at 25°C

Warranty: 3 Years

Mounting: Ceiling or wall

Lens: Clear (standard)

Optics: 120° beam (standard); Narrow focused beam (optional)

Dimming: No dimming (standard); 0-10V (optional)

Protection Class: IP68/IP69K

Temperature Rating: Operable in temperatures -40°C to 55°C

Voltage: 48VDC

Power Factor: 0.9 nominal

Surge Protection: None (DC Powered)

Total Harmonic Distortion: < 20%

FIXTURE SPECIFICATIONS

Construction & Materials

- Proudly engineered and manufactured in America:
  - Buy American Act (BAA) compliant
  - Build America, Buy America Act (BABAA) compliant
- Waterproof, push-and-click connectors
- Patented coextruded copolyester and aluminum housing
  - Seamless polymeric outer shell
  - Integrated aluminum heat spreader

Regulatory Qualifications

- cULus Listed
- UL Listed for Wet Locations
- Rated for use in natatoriums
- IP68/IP69K Certified
- NSF Rated
- NEMA 4X
- IK10 Impact Certified

REV: 1124

ORDERING INFORMATION

Product	Length	Color	Optics	Dimming	UV Protection	Through Wired
WPX —		—	—	—	—	—

4
4-Foot

6
6-Foot

8
8-Foot

RED
RED (623 nm)

GRN
GREEN (528 nm)

BLU
BLUE (470 nm)

AMB
AMBER (590 nm)

Blank (standard)
No Secondary Optics
120° Beam Angle

NRW
Added linear optic for
narrow beam angle

Blank (standard)
No Dimming

DIM
0-10V Dimming

Blank (standard)
No Coating, Rated for Indoor Use

UVO
Outdoor-Rated With UV-Blocking
Coating

Blank (standard)
Connectors on Input & Output for
ability to Daisy Chain fixtures

SE (Single-Ended)
Connector on Input Only, No
Daisy Chain, for Standalone Install

FIXTURE DIMENSIONS

Model	Fixture Diameter	Fixture Length		Mounted	
		Thru Wire	Single End	Width	Height
WPX4	1.00"	47.82"	46.27"	1.25"	1.75"
WPX6	1.00"	69.82"	68.27"	1.25"	1.75"
WPX8	1.00"	91.82"	90.27"	1.25"	1.75"

MOUNTING

G&G will provide the appropriate type (indoor vs. outdoor) and quantity of non-metallic quick latch clip depending on each fixture ordered (two clips per 2' and 4' fixtures, or three clips per 6' and 8' fixtures).

Part Number	Description
MNT-G1-NM-2015	(1) Non-Metallic Quick Latch Mounting Clip (Indoor)
MNT-G1-NM-2020	(1) Non-Metallic Quick Latch Mounting Clip (UVO Outdoor)
MNT-G1-SS	(1) Stainless Steel Bolt Latch Mounting Clip
MNT-G1-SS-KIT	Kit of (3) Stainless Steel Bolt Latch Mounting Clips
MNT-G1-MAG-NM-2015	(1) Non-Metallic Quick Latch Mounting Clip (Indoor) with Maximum Strength Disc Magnet
MNT-G1-MAG-NM-2020	(1) Non-Metallic Quick Latch Mounting Clip (UVO Outdoor) with Maximum Strength Disc Magnet
MNT-G1-MAG-SS	(1) Stainless Steel Bolt Latch Mounting Clip with Maximum Strength Disc Magnet

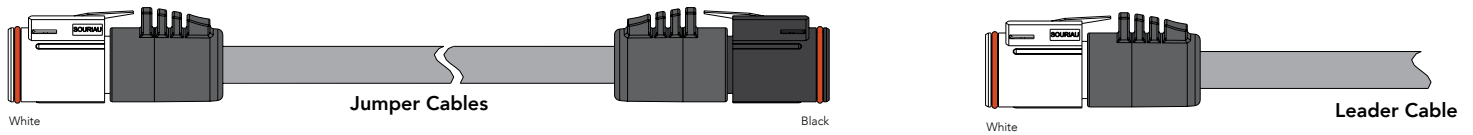# WPX Color Power Supply (80/120/240/320/480/600)

ORDERING INFORMATION

Product	Rated Wattage
WPX-PSU —	

80
80 Watt

120
120 Watt

240
240 Watt

320
320 Watt

480
480 Watt

600
600 Watt

WPX-COLOR FIXTURES PER POWER SUPPLY

Fixture Length	Fixture Watts	Fixtures Supported per Power Supply					
		PSU-80	PSU-120	PSU-240	PSU-320	PSU-480	PSU-600
WPX4-COLOR	50 W	1	2	4	4	7	9
WPX6-COLOR	100 W	0	1	2	2	4	5
WPX8-COLOR	100 W	0	1	2	2	4	5

WPX Color Quick-Connect, IP68/IP69K Cables

Jumper Cables

White | Black

Leader Cable

White

PERFORMANCE SUMMARY

Lifetime: 100,000 hours

Warranty: 3 Years

Protection Class: IP69/IP69K Connectors; Oil, UV and Water Resistant SJOOW Cord

Regulatory Qualifications: UL Listed for Indoor & Outdoor Use

Temperature Rating: Operable in temperatures -40°C to 50°C

ORDERING INFORMATION

Leader Cables

Product		Length
WPX-LDR	—	

8
8ft

25
25ft

Jumper Cables

Product		Length
WPX-JMP	—	

1
End-to-End

2
2ft

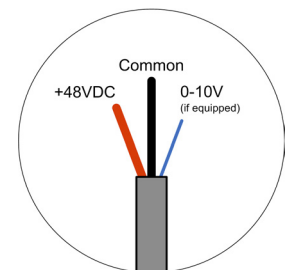**4**
4ft

8
8ft

12
12ft

16
16ft

20
20ft

CABLING

Note: Cable lengths are ± 2 inches

Cable	Type	Wire	End-to-end Length*	Fixture-to-fixture Length*	Inside Cable Length*
WPX-JMP-1	Jumper	14 AWG SJOOW	11.5"	9.5"	7"
WPX-JMP-2	Jumper	14 AWG SJOOW	32"	30"	27.5"
WPX-JMP-4	Jumper	14 AWG SJOOW	56"	54"	51.5"
WPX-JMP-8	Jumper	14 AWG SJOOW	105"	103"	100.5"
WPX-JMP-12	Jumper	14 AWG SJOOW	154"	152"	149.5"
WPX-JMP-16	Jumper	14 AWG SJOOW	203"	200.5"	198"
WPX-JMP-20	Jumper	14 AWG SJOOW	249.5"	247.5"	245"
WPX-LDR-8	Leader	14 AWG SJOOW	8'	-	-
WPX-LDR-25	Leader	14 AWG SJOOW	25'	-	-

LEADER CABLE INSTALLATION

In some installations, the Leader Cable must be extended to reach from the fixtures to the power supply. The wire gauge required will depend on the load and the run length (see chart below). This will limit the voltage drop to ~3V.

14 AWG

20 AWG

G&G LED WET LOCATION LIGHTING – WATER/SUNLIGHT RESISTANT

1.0 in

Common

+48VDC   0-10V
(if equipped)

Load / Run Length	1-50ft	50-100ft	100-150ft
1-3 Lights (5A)	16AWG	14AWG	12AWG
4-6 Lights (10A)	14AWG	12AWG	10AWG
7-9 Lights (15A)	12AWG	10AWG	8AWG