



Color Mixing, Linkable LED Linear Luminaire for Harsh Environments

Product Features & Performance Summary

RGB Color Mixing

Controllable RGB designed for fixed or dynamic lighting effects

Easy to Install Quick-Connect Cabling

Convenient push-and-click connectors and cabling make WPX (RGB) 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

Rated for Harsh Environments

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.

Mounting

Ceiling, Wall, or Cable

Dimensions

Length Varies, Width 1.25" x Height 1.75"

Ordering Information

Product	Length	Color	Lens/Housing
WPX		RGBCM	
8 8-Foot	6 6-Foot	RGBCM Color Changing	Blank (standard) Chemical Resistant Clear Lens
4 4-Foot	2 2-Foot		UVO Outdoor-Rated With UV-Blocking Coating

Power, Connection & Controls

*The WPX-RBGC system requires cabling, power supplies and controls and is designed on a project basis. Contact G&G for project support and bill of materials configuration.

Cable	Type	Length	Wire	Power Supply	Max Output	Enclosure	Voltage	Supports
RGB-JMP-1	Jumper	1ft End-to-End	14 AWG SJOOW	RGB-PSU-XXX	Up to 600W	IP67	120-277 VAC	Up to 40ft
RGB-JMP-4	Jumper	4ft	14 AWG SJOOW					
RGB-LDR-25	Leader Cable	25ft	14 AWG SJOOW					
RGB-LDR-50	Leader Cable	50ft	14 AWG SJOOW					

Controller	Type	Features	Supports
RGB-DMX-CV-5A	DMX Decoder (4 ch)	Enables DMX RGB Control	Up to 24ft

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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.

Fixture Weight

WPX2-RGBCM: 0.55 lb

WPX4-RGBCM: 1.10 lb

WPX6-RGBCM: 1.65 lb

WPX8-RGBCM: 2.20 lb

Electrical System

Temperature Rating: Designed to operate in temperatures -40°C to 55°C.

24V Constant Voltage

12W Per Foot

Regulatory Qualifications

cULus listed.

IP68/IP69K system.

UL listed for wet locations.

ANSI 136.32 3G Vibration Rated.



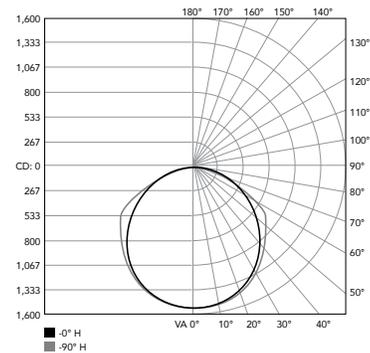
Photometry

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%