

Multiple Fixtures; Quick-Connect Cabling

COLOR MIXING LINEAR IP68/IP69K LUMINAIRE

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

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.

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 | Blank (standard) Chemical Resistant Clear Lens |
| | 4 4-Foot | 2 2-Foot | UVO Outdoor-Rated With UV-Blocking Coating |

Power & Connection Accessories

| Cable | Type | Length | Wire | Power Supply | Max Output | Enclosure | Voltage | Supports |
|------------|--------------|----------------|--------------|--------------|------------|-----------|-------------|------------|
| RGB-JMP-1 | Jumper | 1ft End-to-End | 14 AWG SJOOW | RGB-PSU-60 | 60W | IP67 | 120-277 VAC | Up to 4ft |
| RGB-JMP-4 | Jumper | 4ft | 14 AWG SJOOW | RGB-PSU-120 | 120W | IP67 | 120-277 VAC | Up to 8ft |
| RGB-LDR-25 | Leader Cable | 25ft | 14 AWG SJOOW | RGB-PSU-240 | 240W | IP67 | 120-277 VAC | Up to 16ft |
| RGB-LDR-50 | Leader Cable | 50ft | 14 AWG SJOOW | RGB-PSU-320 | 320W | IP67 | 120-277 VAC | Up to 21ft |
| | | | | RGB-PSU-480 | 480W | IP67 | 120-277 VAC | Up to 32ft |
| | | | | RGB-PSU-600 | 600W | IP67 | 120-277 VAC | Up to 40ft |

| Controller | Type | Features | Supports |
|---------------|--------------------|--|------------|
| RGB-CTRL-SHOW | Show Controller | Show Controller with 26 Pre-Defined Color-Changing Modes | Up to 40ft |
| RGB-CTRL-DIM | RGB Dimmer | Simple 3-Knob Dimmer to Dial in a Single Custom Static Color | Up to 12ft |
| 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.



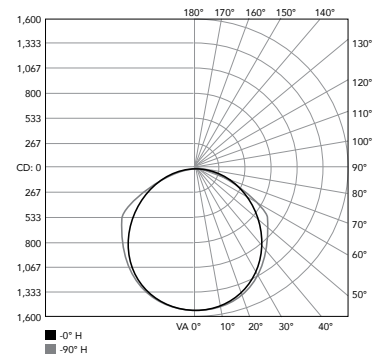
Photometry

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% |