



OUTDOOR COLOR LED LINEAR

EDGE Fixture Features & Performance Summary

Digitally Controllable RGB Segments

Each two-foot segment is designed to be independently controlled providing the end user with a linear or color changing show with dynamic lighting effects using our online app anytime, anywhere.

Ease of Installation

Lightweight, 1" low profile housing is easy to mount while convenient push-and-click connectors and cabling provide simple daisy chaining for long runs of light (up to 90') on a single power source.

Simple to Control

Choose between two convenient control methods: having the power of G&G's ColorWash built right in, or utilize your own DMX controller.

Rated for Harsh Environments

Seamless diffused 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, Strut, Magnet

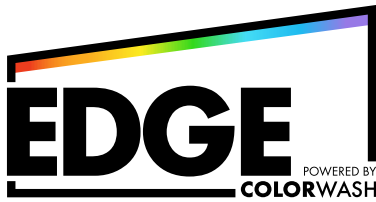
Warranty

3 Years

Proudly American Made

Ordering Information

Product	Length	Color	Lens/Housing	Through Wired
EDGE		RGB		
8 8-Foot	6 6-Foot	RGB Color Changing	UVO (Standard) Outdoor-Rated With UV-Blocking Coating	LEAD (Leader) Leader fixture to be used at the beginning of each run.
4 4-Foot	2 2-Foot		Blank Chemical Resistant Clear Lens	THRU (Daisy Chain) Through wired with connectors on input & output for ability to daisy chain fixtures.
				SE (Single-end) Connectors on input only, no daisy chain. For standalone install or last fixture in chain.



Fixture Specifications

EDGE Model	Length	Width	Height	Weight	Pixel Count
EDGE2	2'	1.25"	1.75"	0.7 lb	1
EDGE4	4'	1.25"	1.75"	1.2 lb	2
EDGE6	6'	1.25"	1.75"	1.7 lb	3
EDGE8	8'	1.25"	1.75"	2.2 lb	4

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. Power/Data Translator (PDT) needs to be within 100 feet of the first fixture.

Integrated aluminum heat sink.

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 are proudly Buy America Act compliant and American made.

Electrical System

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

Fixture Power: 4W/ft

Product Qualifications

cULus listed

IP68/IP69K system

IK10 Impact Certified

UL listed for wet locations

ANSI 136.32 3G Vibration Rated

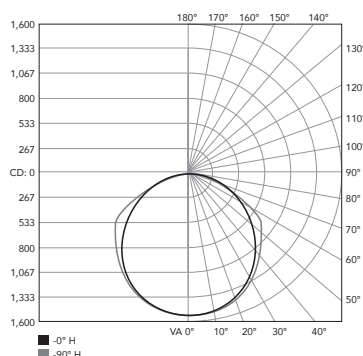
Photometry

EDGE 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%

LINEAR LIGHT THAT LASTS.



OUR PRODUCTS ARE
**ENGINEERED
TESTED
MANUFACTURED
ASSEMBLED
& SHIPPED**
FROM ONE FACILITY



Power/Data Translator (PDT) Specifications

Product Number*	Power	Driver	Pixel Count	Unit Weight (lbs)	Controls
PDT-320-CW	320W	Single	Up to 32	12	Internal
PDT-640-CW	640W	Dual	Up to 64	14.75	Internal
PDT-960-CW	960W	Dual	Up to 88	18	Internal
PDT-320-DMX	320W	Single	Up to 32	12	DMX
PDT-640-DMX	640W	Dual	Up to 64	14.75	DMX
PDT-960-DMX	960W	Dual	Up to 88	18	DMX

*Note: CW = ColorWash controller included; DMX = User-supplied DMX controller

Construction & Materials

Non-corrosive polycarbonate NEMA rated enclosure approved for indoor and outdoor applications. Wet listed LED power supplies are mounted to the exterior of the enclosure to allow for heat dissipation and extend product life.

Enclosure Weight & Dimensions

Weight varies, see chart above.

16" x 6.5" x 12.9"

Electrical Connections

Accepts 120V-277V as well as DMX data inputs, outputs to 48V DC. Can support daisy chaining up to two 90' runs or four 45' runs.

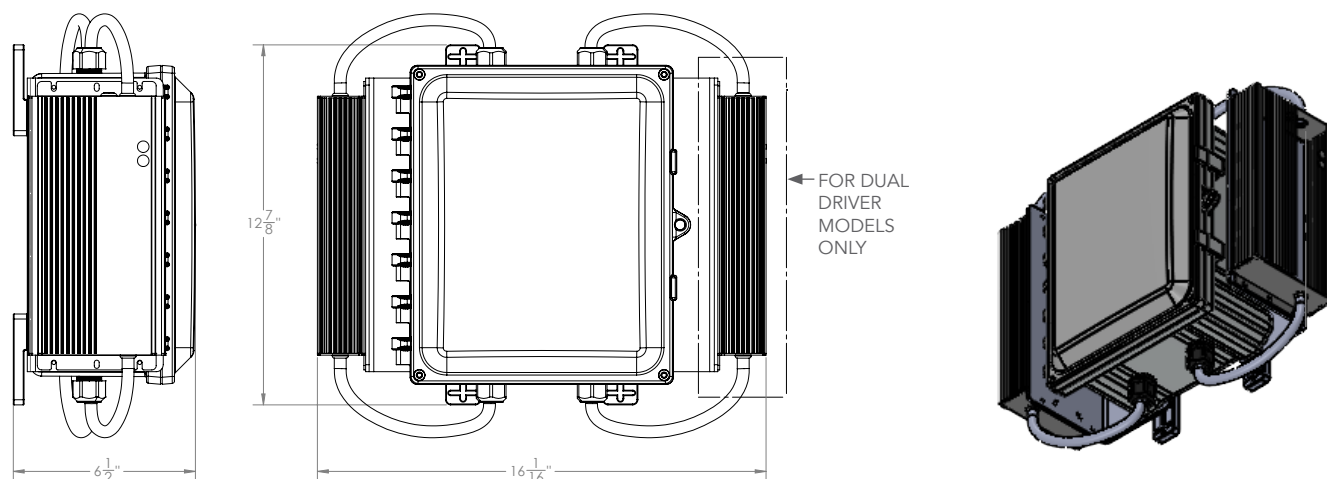
Product Qualifications

UL listed for wet locations

NEMA 4 rated

Proudly American Made

Product Diagram for Dual Drivers

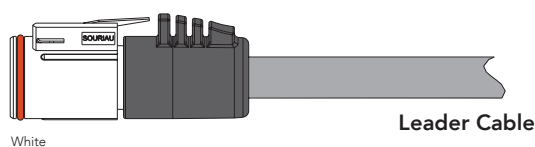
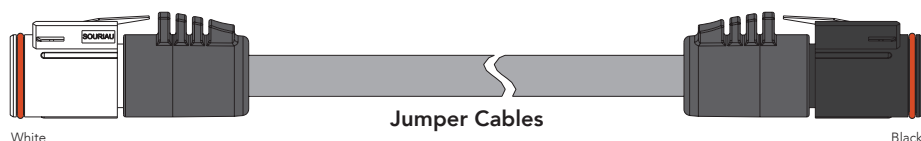


BRING LIGHT ANYWHERE.

Cable Specifications

Cable	Type	Wire	End-to-end Length*	Inside Cable Length*	Fixture-to-fixture Length*
EDGE-JMP-1	Jumper	14 AWG AWM w/Data	10.5"	5.5"	8.25"
EDGE-JMP-4	Jumper	14 AWG AWM w/Data	54.4"	49.5"	52.25"
EDGE-JMP-8	Jumper	14 AWG AWM w/Data	102.6"	97.6"	100.35"
EDGE-LDR-50	Leader Cable	16 AWG AWM w/Data	50'	-	-
EDGE-LDR-100	Leader Cable	16 AWG AWM w/Data	100'	-	-

*Note: Cable lengths are ± 2 inches



EDGE System Installation Schematics

The EDGE system requires cabling and a translator, and are designed on a project basis. The EDGE PDT supports up to 312 channels and run lengths of either: two up to 90 feet each, or four up to 45 feet each; a maximum of four runs and 90 feet per run up to a total of 180 feet. Please note: The system needs either our ColorWash controller built in or a DMX controller provided by others. Contact G&G for project support and bill of materials configuration.

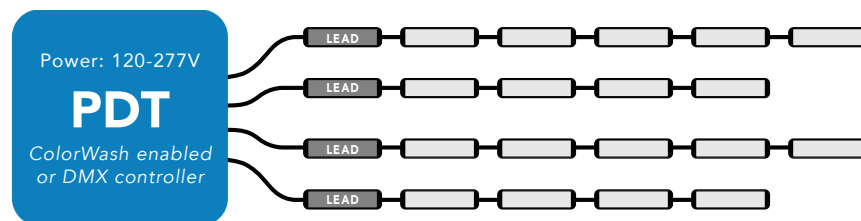
PDT = Power/Data Translator

LEAD = 8' LEAD fixture*

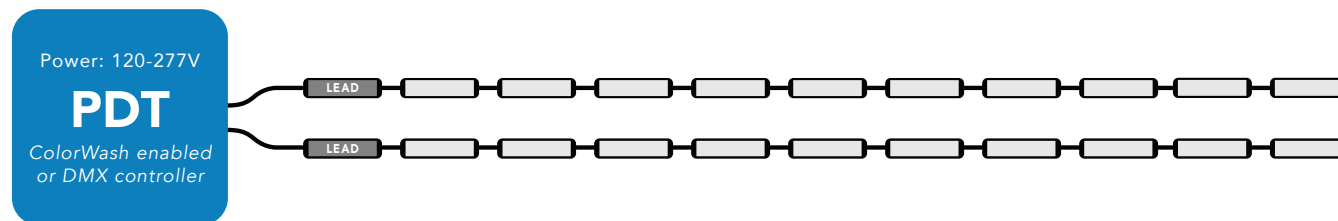
THRU = 8' THRU fixture

*Note: Each run is required to start with a specific lead type EDGE fixture. Products within the diagram are not to scale.

Four runs with five and six 8' fixtures each:



Two runs with eleven 8' fixtures each:



Note: Please consult G&G for assistance with lighting layouts at sales@ggled.net
Required leaders, jumper and fixture lengths will influence the configuration limits for a given system.



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