

COLORGLO™ LED BORDER LIGHTING



UNLEASH THE POWER OF COLORGLO™ LEDs

J&J
ELECTRONICS, INC.

ColorGlo LED Border Lighting is a very bright, effective, safe and energy efficient alternative to conventional neon. It uses less than half the energy of neon without compromising performance. Unlike neon, it is maintenance free with up to 100,000 hours of LED life and no high voltage transformers.

Product Summary

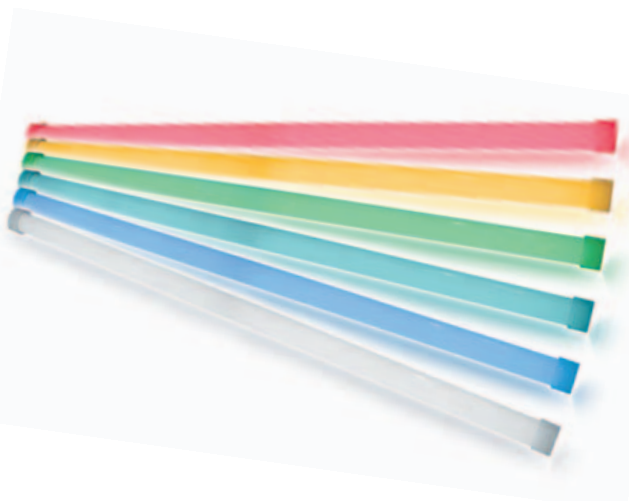
ColorGlo LED Border Lighting is a linear LED tube for white and colored neon replacement. Its very bright output makes it ideal for where efficient, maintenance-free, neon style lighting is desired. Available LED colors are: red, amber, green, blue-green, blue and white. The standard tubing color is white with red and green as options. To achieve a segmented color effect, LED strips are mounted in the white tube, matched to the tubing color, or intermixed. Light is emitted at 270° for wide coverage.

Assembly & Mounting

The tubes are user assembled in lengths from 3" to 24 feet per each power run. Polycarbonate tubing is available in 8 foot lengths (standard - custom available) and is assembled using accessory coupler sleeves and endcaps. Accessories are mounted and sealed using silicone compound GE# TSE399. The tube assembly snaps into polycarbonate mounting clips which are attached to any surface using the appropriate screw, fastener or anchor.

Power

The (standard) tube is powered by 24VAC, with 24VDC optional.



SEAMLESS, LINEAR LED LIGHTING DESIGNED FOR WHITE AND COLORED NEON REPLACEMENT

KEY FEATURES:

- Very bright output and uses less than half the energy of neon without compromising performance
- Up to 100,000 hours of LED life and no high voltage transformers
- LED colors: red, amber, green, blue-green, blue, white

IDEAL FOR USE IN THESE ENVIRONMENTS:

- Exterior or interior signage
- Entertainment and architectural edge lighting
- Decorative light accents
- Other applications where efficient, maintenance-free, neon-style lighting is desired

FEATURES & BENEFITS

- ✦ Approximately twice the efficiency of standard neon
- ✦ Flicker free start up and operation in cold environments
- ✦ Interchangeable colors (by changing LEDs and/or tubing color options)
- ✦ Polycarbonate tubing for UV resistance and exposure to weather
- ✦ Uniformly spaced LED configuration for even and consistent output
- ✦ 270° optic angle for wide light distribution
- ✦ Easy installation and operation with no programming required
- ✦ Adaptable to multiple lighting applications
- ✦ Maintenance free lifespan up to 100,000 hours



ColorGlo™

Manufactured by:  J&J Electronics • **800.735.4553** • 949.455.4460 • www.colorgloledlighting.com

COLORGLO™ LED BORDER LIGHTING

PRODUCT SPECIFICATIONS

Tube Material	Polycarbonate UL-94VO, UV inhibited.
LED Type	SMT Power Top
LED Current	15 – 20mA
Efficiency	1.44 – 2.88 watt/Ft.
LED per Ft.	30 InGaN / 32 AlInGaP
LED Strip Length – Red, Amber	3" / 12"
LED Strip Length – Blue, Green, Blue Green, White	4" / 12"
Standard Power Source	24VAC
Recommended Power Supply	24VAC 250W
Power Cable	16 gauge stranded
PCB Flame Rating	UL 94-VO
Operating Temperature	-40C /-40F – 50C /122F
Maintenance	No pressure, non abrasive, non caustic.
Humidity	0 – 100% Condensing NEMA 3-4 with properly sealed couplers / connectors

ACCESSORIES

DESCRIPTION	PART NUMBER
Tubing	
8 ft. White (Contact J&J for custom lengths - also available in Red or Green)	HBCGSL-NEON-WHITE
Power Supplies	
250 Watt	HBW-250A
Power / Control Cables	
Interior – dry location cable	
12" Power Cable	LLS-CA-12-MC-FM
72" Power / Control Cable	LLS-CA-72-MC-FM
144" Power / Control Cable	LLS-CA-144-MC-FM
240" Power / Control Cable	LLS-CA-240-MC-FM
600" Power / Control Cable	LLS-CA-600-MC-FM
Exterior – wet location cable	
12" Power Cable	LLS-CA-12-MC-FMW
72" Power / Control Cable	LLS-CA-72-MC-FMW
144" Power / Control Cable	LLS-CA-144-MC-FMW
240" Power / Control Cable	LLS-CA-240-MC-FMW
600" Power / Control Cable	LLS-CA-600-MC-FMW
Mounting Accessories	
Mounting Clip	CGSL-MC
Closed End Cap	CGSL-CE
Slotted End Cap	CGSL-OE
Water Tight End Cap	CGSL-WTE
Tubing Coupler Sleeve	CGSL-COUPLER
Silicon Adhesive Sealer	GE-TSE399-C100G

BUILDING A PART NUMBER

LLS-BL- [LED Strip & Color]
3-R (3" Red)
12-R (12" Red)
3-A (3" Amber)
12-A (12" Amber)
4-G (4" Green)
12-G (12" Green)
4-BG (4" Blue Green)
12-BG (12" Blue Green)
4-B (4" Blue)
12-B (12" Blue)
4-W (4" White)
12-W (12" White)

Example: **LLS-BL-3-R**

Contact J&J Electronics for pricing information.

Manufactured by:



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Rev. 051506