

# COLORGLO™ RGB LED LIGHT STRIP FIXTURES

**C**olorGlo RGB LED Light Strip Fixtures are an ideal wet or dry location linear lighting solution for commercial and residential grade uses. Typical applications include cove lighting, direct view linear lighting, glass panel edge lighting, shelf lighting and other applications where static or dynamic color changing light accents are required.

Strip fixtures are available in standard sizes (see reverse page). They are factory assembled with clear polycarbonate tubing, endcaps and mounting clips. RGB strips, clear polycarbonate tubing and mounting accessories are also available as individual parts for custom installations.

The strips feature side-mounted power connect terminals to eliminate gaps when joining multiple units together for an even and fully saturated color wash. The recommended maximum footage per power run is 12.5 ft. (3.81m) operating at full intensity.

Color and effects control of ColorGlo RGB is accomplished using the IntelliGlo line of power supplies/control interfaces. The IntelliGlo line provides a range of features and options from stand alone effects to DMX addressable control. (See the ColorGlo Installation Guides for distribution configuration.)

## SEAMLESS LINEAR LIGHTING EFFECTS FOR ARCHITECTURAL, ENTERTAINMENT, SIGNAGE, EXHIBIT AND DISPLAY APPLICATIONS

### IDEAL FOR USE IN THESE ENVIRONMENTS:

- *Straight or circular, small or large coves*
- *Interior dry or exterior wet environments*
- *Retail or display, functional or decorative lighting*

### FEATURES & BENEFITS

- *Uniformly spaced linear triad LED configuration ensures even and saturated color output*
- *30° or 115° LED options for narrow or wide light distribution*
- *Clear polycarbonate tube for very sharp and bright direct viewing*
- *Wet location - sealable tubing and accessories*



*Also available as a component strip ready for on-site system assembly.*



ColorGlo™

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## PRODUCT SPECIFICATIONS

Input Voltage:	24VDC		
Input Wattage:	3.75/ft		
Input Current:	210mA (16" strip)	105mA (8" strip)	105mA (4" strip)
RGB Triad LED Spacing:	1.0" (25mm)		
LED per inch:	3		
Max Current per Power Run:	2.5Amp		
Max Wattage per Power Run:	47 Watts		
Recommended Max Footage per Power Run*:	12.5 ft. (3.8m)		
IES Tested Lumens, Averaged per ft.:	57.2 (115°)	38.9 (30°)	
Recommended Wire:	22 AWG		
Fixture Width w/Mounting clip:	1" (25.4mm)		
Fixture Height w/Mounting Clip:	1.25" (31.75mm)		
Driver Voltage:	0 - 5 VDC		
Power Connect Terminal:	JST - 5 pin		
LED Strip Lengths:	16" (406mm)	8" (203mm)	4" (102mm)
LED Strip Width:	0.65" (17mm)		
Environmental:	-40°F - 104°F (-40°C - 40°C)		
Recommended Power & Control:	ColorGlo accessories (see below)		
Certification:	UL Recognized PCB, ETL Listed Fixture		

\*Determined by capacity of LED board.

IES Files available online at [www.colorgloledlighting.com](http://www.colorgloledlighting.com). Specifications subject to change. Visit [www.colorgloledlighting.com](http://www.colorgloledlighting.com) for the most current product information.

## ACCESSORIES

### Power and Control

IntelliGlo 100	LLS-CTRL-100
IntelliGlo 300	LLS-CTRL-300
IntelliGlo 300HH	LLS-CTRL-300-HH
IntelliGlo 500	LLS-CTRL-500
IntelliGlo1100 controller	LLS-CTRL-1100
IntelliGlo1200 controller	LLS-CTRL-1200
IntelliGlo Expansion Module	LLS-EXP MODULE

**NOTE:** For transformers, consult factory.

### Power and Control

1Ft. (305mm) RGB Power/Control cable	LLS-CA-12-RGB-FF
6 Ft. (1.83m) RGB Power/Control cable	LLS-CA-72-RGB-FF
12 Ft. (3.66m) RGB Power/Control cable	LLS-CA-144-RGB-FF
20 Ft. (6.10m) RGB Power/Control cable	LLS-CA-240-RGB-FF
50 Ft. (15.24m) RGB Power/Control cable	LLS-CA-600-RGB-FF
25 ft. (7.62m) 300 Controller Power cable	LLS-CA-IG-300-MF
8 Ft. (2.44m) RGB Power/IntelliGlo 100 In-Line cable	CL-CA-IL-96
4 ft. (1.22m) RGB Power/IntelliGlo 300 In-Line cable	LLS-CA-48-CTRL-3
Cross Over Adapter	LLS-CO

## MOUNTING ACCESSORIES

Clear Polycarbonate Tubing (8 ft.)	CGSL-CEP
Tube Mounting Clip	CGSL-MC
Tube Closed End Cap	CGSL-CE
Tube Slotted End Cap	CGSL-OE
Tube Water Tight End Cap	CGSL-WTE
Tube Water Tight End Cap Ferrule	CGSL-WTEF
Tube Water Tight End Cap Nut	CGSL-WTEN
Tubing Coupler Sleeve	CGSL-COUPLER
Silicone Adhesive Sealer	80050

## Part #

## BUILDING A PART NUMBER STRIP FIXTURES\*

Part #	LLS - (length)	- (optic angle)	- RGB - (style)
	4	30	IK
	12	115	EK
	48		
	96		

Styles: IK - interior assembly  
EK - exterior assembly

**Example:** LLS-12-115-RGB-EK  
ColorGlo RGB strip fixture, 12" length, 115° optic angle, exterior assembly

**NOTE:** Custom strip fixture sizes must be special ordered. Consult factory.

\* Exterior wet location fixtures must be factory assembled.

## BUILDING A PART NUMBER INDIVIDUAL LIGHT STRIPS

Part #	LLS - (length)	- (optic angle)	- RGB
	4	30	
	8	115	
	16		

**Example:** LLS-16-30-RGB  
ColorGlo RGB strip, 16" length, 30° optic angle

**For pricing and additional information, consult your ColorGlo Sales Representative or Authorized Dealer (for rep/dealer contact information, call J&J Electronics at 800.735.4553)**



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