

COLORGLO™ RGB LED LIGHT STRIPS



Seamless linear color lighting effects for architectural and entertainment installations

ColorGlo RGB LED Light Strips are an ideal wet or dry location linear lighting solution for commercial and residential applications. The light strips are installed, in any length from 4 inches up to 10 feet, using ColorGlo Light Strip Accessories and the IntelliGlo™ series of power supplies/controllers. Typical applications include cove lighting, glass panel edge lighting, shelf lighting and other architectural and entertainment applications where static or dynamic color changing light accents are required.

ColorGlo RGB LED Light Strips are available in 4", 8" and 16" LED lengths. They feature side mounted power connect terminals to eliminate gaps when joining multiple units together for an even and fully saturated light wash. The light strips snap together for quick and easy installation in new or retrofit applications of up to 10 feet per power run. Multiple units mounted in ColorGlo polycarbonate tubing are flexible and can conform to a 2-foot bend over a 10-foot light strip run to conform to a 28-foot radius.

Color and effects control of ColorGlo RGB is accomplished using the IntelliGlo line of power supplies/controllers. 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.



Contact J&J Electronics for pricing information.

Manufactured by:



J&J ELECTRONICS, INC.

35 Hammond
Irvine, CA 92618 USA

800.735.4553 • 949.455.4460

Fax: 949.455.4474

www.colorgloledlighting.com



J&J ELECTRONICS, INC.



COLORGLO™ RGB LED LIGHT STRIPS

SPECIFICATIONS

Strip Length	16.00"	8.00"	4.00"
Input Voltage	24VDC	24VDC	24VDC
Input Current	210mA	105mA	105mA
Power	5.0W	2.5W	2.5W
LEDs Per Strip	48	24	12
LED Triad Spacing	1.00"	1.00"	
LED Type: Red	30° or 115° AlInGaP	30° or 115° AlInGaP	30° or 115° AlInGaP
Green	30° or 115° InGaN	30° or 115° InGaN	30° or 115° InGaN
Blue	30° or 115° InGaN	30° or 115° InGaN	30° or 115° InGaN
Luminous Output	120	60	30
Modulation Input, Analog	0.6 - 5.0 VDC	0.6 - 5.0 VDC	0.6 - 5.0 VDC
Modulation Input Impedance Per Strip	450K ohm	450K ohm	450K ohm
Driver Voltage	0 - 5 VDC	0 - 5 VDC	0 - 5 VDC
Connector Power Rating	2.5A	2.5A	2.5A
PCB Material	UL 94-VO FR-4 G10 Fiberglass	UL 94-VO FR-4 G10 Fiberglass	UL 94-VO FR-4 G10 Fiberglass
Strip Width	.650"	.650"	.650"
Power Connect Terminal	5-pin	5-pin	5-pin
Max. Strips Per Power Run	10	20	40
Max. Current Per Power Run	2.2A	2.2A	2.2A
Max. Fused or Current			
Foldback per Power Run	3A	3A	3A
Recommended Controllers	Contact J&J Electronics, Inc.	Contact J&J Electronics, Inc.	Contact J&J Electronics, Inc.
Recommended Cable	Contact J&J Electronics, Inc.	Contact J&J Electronics, Inc.	Contact J&J Electronics, Inc.
Recommended Wire	22 AWG copper stranded	22 AWG copper stranded	22 AWG copper stranded
Environmental	-20° to 40° C*	-20° to 40° C*	-20° to 40° C*
Listings	UL 1598, C-UR UL 2108, CSA C22.2 No. 250.0-04		

*0-100 humidity when mounted in Polycarbonate tubing with water-tight end caps
All dimensions in inches, unless otherwise specified.

ACCESSORIES

Power and Control

IntelliGlo 100 - Part # LLS-CTRL-100
IntelliGlo 300 - Part # LLS-CTRL-300
IntelliGlo 300HH - Part # LLS-CTRL-300-HH
IntelliGlo 500 - Part # LLS-CTRL-500
IntelliGlo 1100 - Part # LLS-CTRL-1100
IntelliGlo 1200 - Part # LLS-CTRL-1200
IntelliGlo Expansion Module -
Part # LLS-EXP MODULE

Power/Control Cable

Exterior grade power cable* -
Part # LLS-CA-XXX-RGB-FFW

Water tight end cap is pre-mounted on cable.

PCB strip crossover adapter - Part # LLS-CO

Mounting Accessories

Aluminum mounting channel - Call for Part #
Polycarbonate tubing - Part # CGSL-CEP
Mounting clip - Part # CGSL-MC
Closed End cap - Part # CGSL-CE
Slotted End cap - Part # CGSL-OE
Water tight end cap - Part # CGSL-WTE
Tubing coupler sleeve - Part # CGSL-COUPLER
Silicon adhesive sealer - Part # TSE399-C100G

*XXX indicates specified length of 12", 72", 144", 240" or 600"

BUILDING A PART NUMBER

LLS - [strip length] - [LED optic angle] - RGB
4
8
16
30
115

Example: LLS-16-30-RGB
RGB, 16" strip with 30° LED optic angle

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