

COLORGLO™ WWA LED LIGHT STRIPS



UNLEASH THE POWER OF COLORGLO™ LEDs

J&J
ELECTRONICS, INC.

ColorGlo WWA LED Light Strips are an efficient, maintenance-free, white/white/amber linear lighting solution for use in wet or dry locations. They are ideal for residential and commercial applications including cove lighting, under counter lighting, shelf lighting and other applications where color temperature controllable white light is required.

Product Summary

ColorGlo WWA Light Strips are a linear white/white/amber lighting solution for use with an external DMX controller. Standard strips are available three sizes: 4" (with 12 LEDs), 8" (with 24 LEDs) and 16" (with 48 LEDs). They feature side-mounted power connect terminals to eliminate gaps when joining multiple units together for an even and fully saturated light wash.

Assembly & Mounting

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. 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.

Power & Control

Color temperature control and lighting effects are accomplished using the IntelliGlo line of power supplies/controllers. They provide a range of features and options – from stand alone effects to DMX addressable control. (See IntelliGlo data sheets for specifications and details.)

DMX CONTROLLABLE, SEAMLESS, LINEAR WWA LIGHTING

KEY FEATURES:

- User adjustable white light color temperature
- Sealable tube and accessories

IDEAL FOR WET OR DRY LOCATIONS:

- Architectural
- Entertainment
- Signage
- Other installations

FEATURES & BENEFITS

- ✦ User adjustable white light color temperature from 2200° to 6500°K
- ✦ Uniformly spaced LED configuration for even and consistent output
- ✦ LEDs offer flicker free start up and operation in cold environments
- ✦ Easy installation and operation
- ✦ Maintenance free lifespan up to 100,000 hours



ColorGlo™

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

COLORGLO™ WWA 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 Optic Angle	30° or 115°	30° or 115°	30° or 115°
Luminous Output	144	72	36
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 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*

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

ACCESSORIES

DESCRIPTION	PART NUMBER
Power and Control	
IntelliGlo 100	LLS-CTRL-100
IntelliGlo 300	LLS-CTRL-300
IntelliGlo 300 Handheld	LLS-CTRL-300-HH
IntelliGlo 1100 controller	LLS-CTRL-1100
IntelliGlo 1200 controller	LLS-CTRL-1200
Power/Control Cables	
1 ft. RGB/WWA Power/Control cable	LLS-CA-12-RGB-FF
1 ft. RGB/WWA Power/Control cable with water tight end caps mounted	LLS-CA-12-RGB-FFW
6 ft. RGB/WWA Power/Control cable	LLS-CA-72-RGB-FF
6 ft. RGB/WWA Power/Control cable with water tight end caps mounted	LLS-CA-72-RGB-FFW
12 ft. RGB/WWA Power/Control cable	LLS-CA-144-RGB-FF
12 ft. RGB/WWA Power/Control cable with water tight end caps mounted	LLS-CA-144-RGB-FFW
20 ft. RGB/WWA Power/Control cable	LLS-CA-240-RGB-FF
20 ft. RGB/WWA Power/Control cable with water tight end caps mounted	LLS-CA-240-RGB-FFW
50 ft. RGB/WWA Power/Control cable	LLS-CA-600-RGB-FF
50 ft. RGB Power/Control cable with water tight end caps mounted	LLS-CA-600-RGB-FFW
PCB strip crossover adapter (used to "sausage link" multiple strip assemblies)	LLS-CO

MOUNTING ACCESSORIES

DESCRIPTION	PART NUMBER
Aluminum Mounting Channel	Call for Part #
Polycarbonate Tubing	CGSL-CEP
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	TSE399-C100G

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

BUILDING A PART NUMBER

LLS-[Strip Length]-[LED Optic Angle]-WWA

(4) (30)
(8) (115)
(16)

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

Contact J&J Electronics for pricing information.

Manufactured by:



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