

INSTALLATION GUIDE - COLORGLO™ RGB LED LIGHT STRIP FIXTURES

J & J ELECTRONICS, INC.

SPECIFICATION GUIDELINES – Strip Fixtures & Components

ColorGlo RGB LED Light Strip Fixtures are factory assembled in standard sizes. Custom sizes must be special ordered. In addition, ColorGlo Light Strip boards, polycarbonate tubing, end caps and cables may also be ordered as individual components.

Strip fixtures are specified for interior use (unsealed end caps) or exterior use (water tight seals). For exterior strip fixtures, the power/control cable is factory connected and sealed in place on the fixture. Accordingly, the cable length must be specified with the fixture specification. Coupler sleeves and silicone adhesive are available for connecting multiple fixtures or for use with custom installations.

See ColorGlo RGB LED Light Strip Fixture data sheet for specification details.

POWER & CONTROL

The IntelliGlo product line includes a selection of DMX addressable power and control interfaces and non-DMX stand alone controllers for ColorGlo RGB LED Light Strip Fixtures. (Consult the appropriate data sheet and installation guide for product selection and details.)

INSTALLATION CONSIDERATIONS

Recommended maximum footage of RGB fixtures is 12.5 ft. (3.81m) per power run. Variations in environmental conditions may cause typical expansion and contraction of polycarbonate tubing. Installation of lengths exceeding 4 ft. (1.22m) must account for these factors. For strip fixtures larger than 1 ft., mounting clips are recommended at 2 ft. (610mm) spacings.

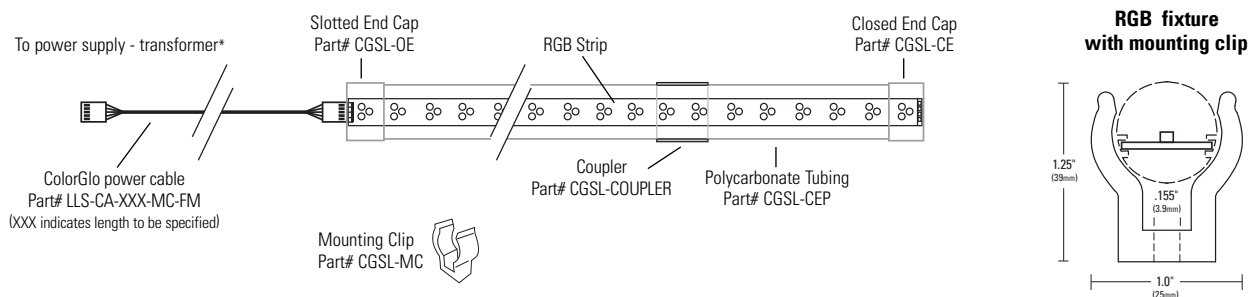
Note 1: The diagrams below indicate typical installations for either strip fixtures or individual components.

Note 2: For daisy chain configurations, to expand power and control to additional strip fixtures, use cross over adapter Part # LLS-CO and Jumper Cable part # LLS-CA-XXX-RGB-FF.

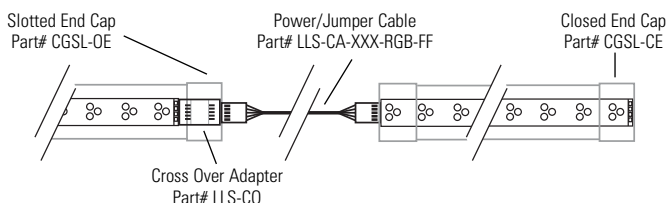
Note 3: The IntelliGlo Expansion Module operates with IntelliGlo 100, 300 and 500 controllers, adding up to 80 ft. of strip fixture capacity.

INTERIOR DRY LOCATION INSTALLATION

For installation in interior dry locations, slotted and closed end caps press in place to prevent dust or other contamination from entering tubing. Mounting clips hold tubing secure while allowing for 360 degree rotation.



DAISY CHAIN CONFIGURATION



*See ColorGlo data sheet for appropriate dry location power supply transformer.



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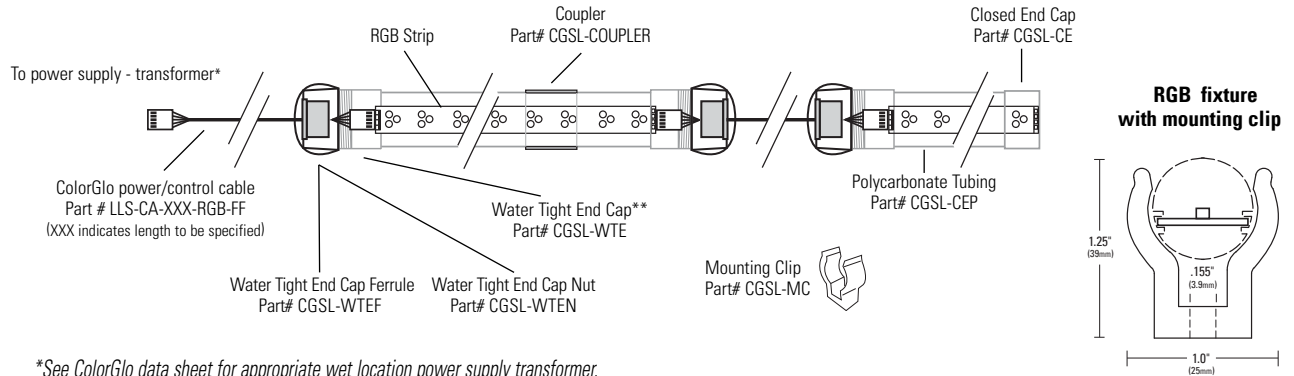
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EXTERIOR WET LOCATION INSTALLATION

For installation in damp or wet locations, a water tight end cap, with a sealing bushing and tightening nut, is factory mounted on the cabled tubing end using silicone adhesive to seal the cable entrance end. Mounting clips hold tubing secure while allowing for 360 degree rotation. Wet location fixtures must be factory assembled.



*See ColorGlo data sheet for appropriate wet location power supply transformer.

** Can be mounted on both ends for daisy chain configurations.

Note 1: Fixtures can be factory configured for daisy chained installations.

Note 2: Assemblies of 8' or longer will be shipped in 2 or more sections with a coupler attached. The tubes and coupler will need to be sealed in the field. The silicone adhesive included with the shipment must be used to ensure a watertight system. Failure to properly seal the assemblies will void the product warranty. Refer to Water Tight Tube Assembly Note included with shipment for complete in field assembly instructions.



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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