

INSTALLATION GUIDE - COVEBRITE™ LED LIGHTING

J & J ELECTRONICS, INC.

SPECIFICATION GUIDELINES – Strip Fixtures & Components

CoveBrite LED Lighting is assembled in various lengths in 12" increments. In addition, CoveBrite light strip boards, u-channel, clear polycarbonate tubing, end caps and cables may also be ordered as individual components for in field assembly for interior, dry installations.

Interior use strip fixtures utilize a u-channel extrusion. CoveBrite Interior assemblies can be installed as either single fixtures, joined together for continuous runs or linked together with jumper cables to accommodate corners, curved or circular installation requirements. Interior use strip fixtures can also be mounted in a clear, polycarbonate tube system.

Exterior use strip fixtures are assembled in a clear, polycarbonate tube system. The power/control cable is factory connected and sealed in place on the fixture. Accordingly, the appropriate cable length needed for the installation must be specified at the time of order. Exterior wet use location fixtures are factory assembled.

The appropriate ColorGlo power supply transformer should be specified for electrical requirements and housing for damp or dry conditions.

INSTALLATION CONSIDERATIONS

Recommended maximum footage of CoveBrite is 25 ft. (7.6m) 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.

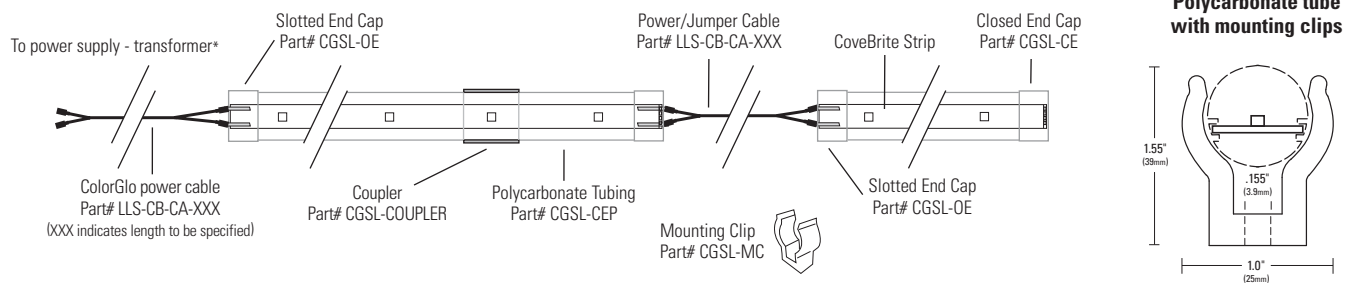
Note: The diagrams below indicate typical installations for either strip fixtures or individual components.

See CoveBrite LED Lighting data sheet and ColorGlo Power Supply Transformer data sheet for specification details.

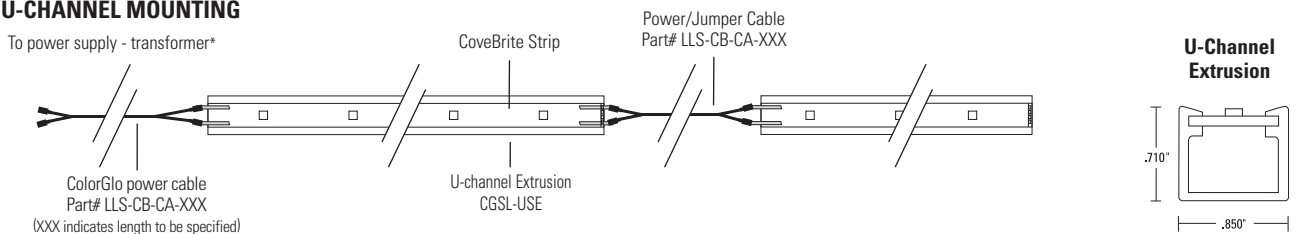
INTERIOR DRY LOCATION INSTALLATION

For installation in interior dry locations, the strips can be mounted in a u-channel extrusion or clear, polycarbonate tube system. Strips mounted in a polycarbonate tube system use mounting clips to hold tubing secure, while allowing for 360 degree rotation. We recommend clear, non-yellowing silicone adhesive for ease of in-field assembly of polycarbonate tube systems incorporating end caps and couplers.

POLYCARBONATE TUBE MOUNTING



U-CHANNEL MOUNTING



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



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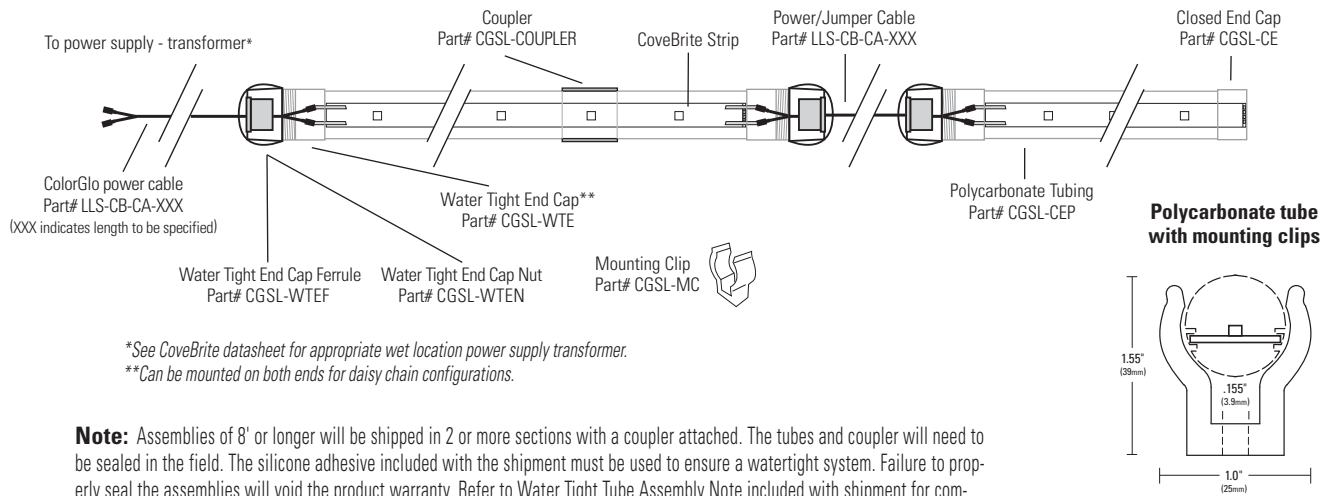
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EXTERIOR WET LOCATION INSTALLATION

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



*See CoveBrite datasheet for appropriate wet location power supply transformer.

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

Note: 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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