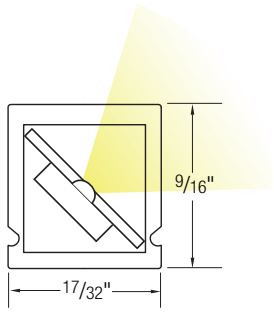

Please verify the contents of the packages!

Please read instructions entirely before starting installation

Be sure power is turned off before installing or modifying the system

Call Tivoli, LLC tech support with questions

Caution: Stage Edge™ is designed to work with listed Class 2 12V DC transformers only. Use of any other power source will cause damage, shorten the life of the fixture and void the warranty.

Consult any and all applicable local and national codes for installation.

Do not conceal or extend exposed conductors through a building wall as per local electrical code.

Warning: With any luminaire for any application, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injuries. This lighting system should be installed by a certified professional.

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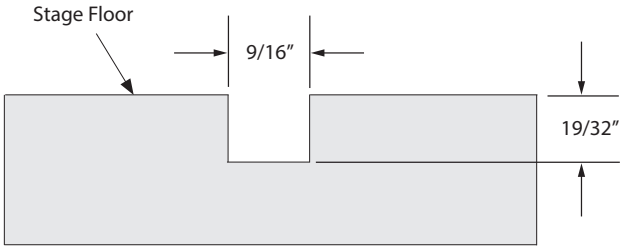
Installation Instructions

Stage Edge™ is a modular component system for stage marker illumination. Stage Edge™ is a flexible, rectangular, semi-rigid polycarbonate tube designed for recessed mounting in a pre-cut channel in the stage floor.
Caution: To avoid an electrical overload to your low voltage Stage Edge™ Stage Marker, do not exceed a 140 lamp run per 12V DC transformer capacity (80 LEDs per continuous home run). Class 2 transformer required.
Note: Specify component lengths and feed side when ordering by providing drawing.

Preparing The Stage Floor:

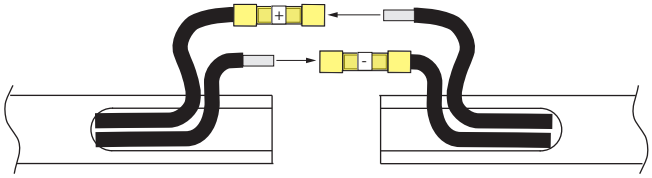
Step 1: Cut a groove in floor to accomodate Light fixture width and length. Groove width will need to be 9/16" wide.
Step 2: Be sure groove is completely clean before continuing installation.



Connecting Tube Modules

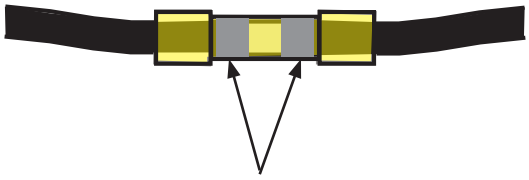
Step 1: Lay out tubes on floor in order of assembly near recessed groove. Be sure the lead end and trail end are in the correct position.
NOTE: The final tube will be the only one with a solid End Cap. Be sure the solid End Cap is located at the end of the run.

Step 2: Turn each tube so the long cutouts at the tube ends are facing upwards. Inter-connect the wires coming out of the end of each tube. To ensure correct polarity, a butt connector is already attached to one end of each wire. Insert the bare wire from one tube into the butt connector of the wire of the connecting tube, as shown.

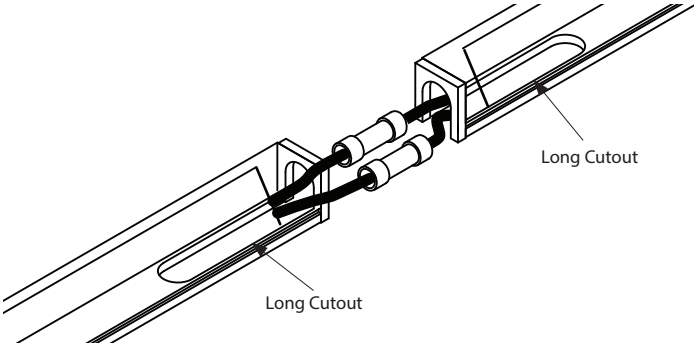


Caution: Polarity Sensitive
A Butt Connector is already attached to each wire to ensure correct polarity. Do not remove.

Step 3: Securely crimp each wire inside the Butt Connector in the areas shown.



Step 4: Starting with the Stage Edge™ light tube at the lead end, turn it over so the long cutout is facing the bottom. This puts the tube in the correct orientation for installation.



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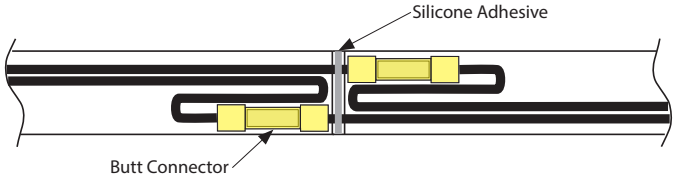
Installation Instructions (Continued)

Installing Tubes

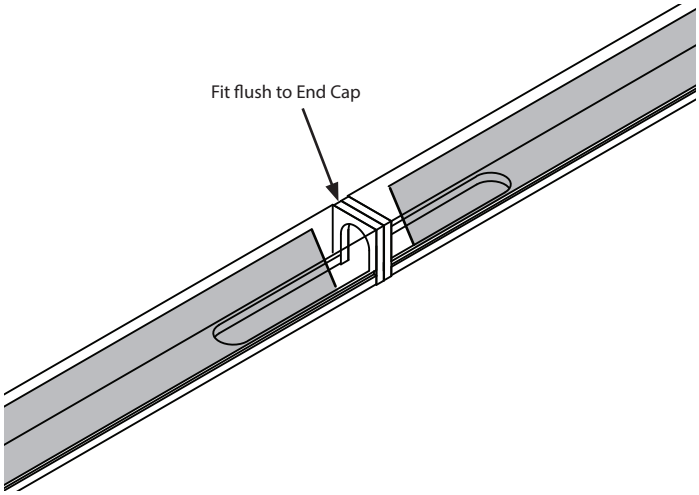
Step 5: Line the bottom of the recessed channel with double sided tape.

Note: Be sure the channel and the tape remain clean.

Step 6: Install the Lead tube into lead end of recessed channel and press down to securely fasten the tube against the tape.
Step 7: Apply silicone adhesive to the outside of End Cap of the first installed tube.
Step 8: Position the next tube in the channel making sure the wires are pushed up inside each tube to allow flush mounting against the end of the first tube. Fold each wire so one Butt Connector fits inside each tube, as shown. Press the tube until it is flush against the End Cap of the tube already installed.The silicone adhesive will ensure a tight seal between the tubes.



Step 9: Repeat steps 6 through 8 for each of the remaining Stage Edge™ Stage Marker tubes.

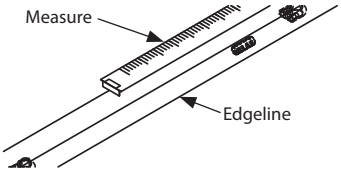


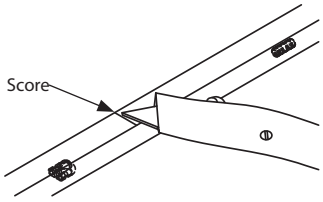
Installation Instructions: Cutting Tube to Size

Note: It is recommended that Stage Edge™ be pre-cut and shipped to order according to customer drawing. However, there may instances when it is necessary to cut the tubing in the field.

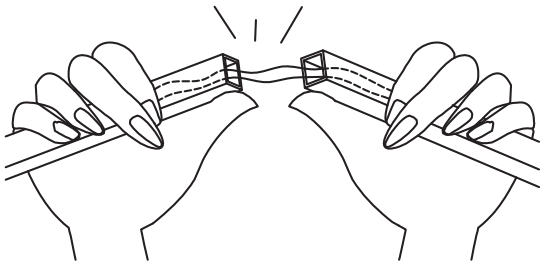
Step 1: Measure Stage Edge™ tubing to desired length. Mark tube where cut is to be made.

Step 2: Score all sides of the tube using a sharp knife or cutter.

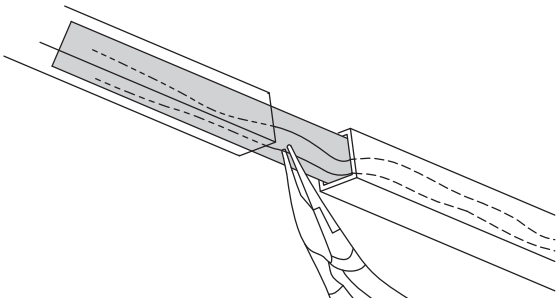




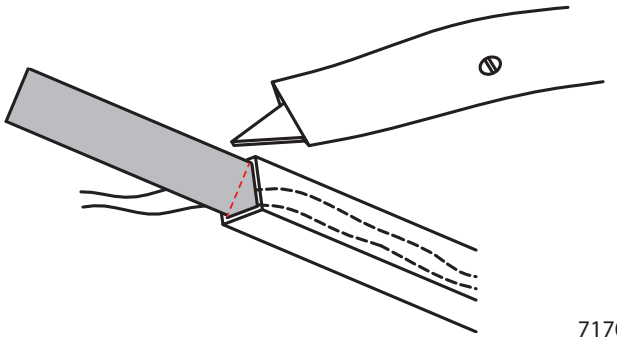
Step 3: Snap tube by holding it between your thumbs and fingers and pushing out with your thumbs.



Step 4: Pull sets of wires from open tube ends and cut with wire cutters. Be sure to leave enough wire to connect it to the next tube.



Step 5: Use a sharp knife or cutter to cut off the extra length of backing board that is extending out of the end of the cut tube. Pull the board out a little further to cut it to make room for the end cap to fit inside the tube.



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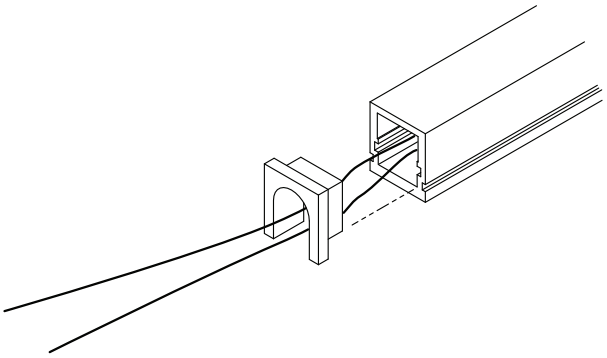
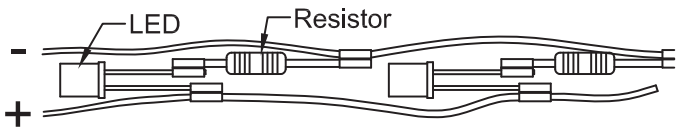
Installation Instructions: Cutting Tube to Size (Continued)

Step 6: Remove End Cap from discarded section of tube and Insert into the good end of the tube after applying silicone around the edges of the End Cap.



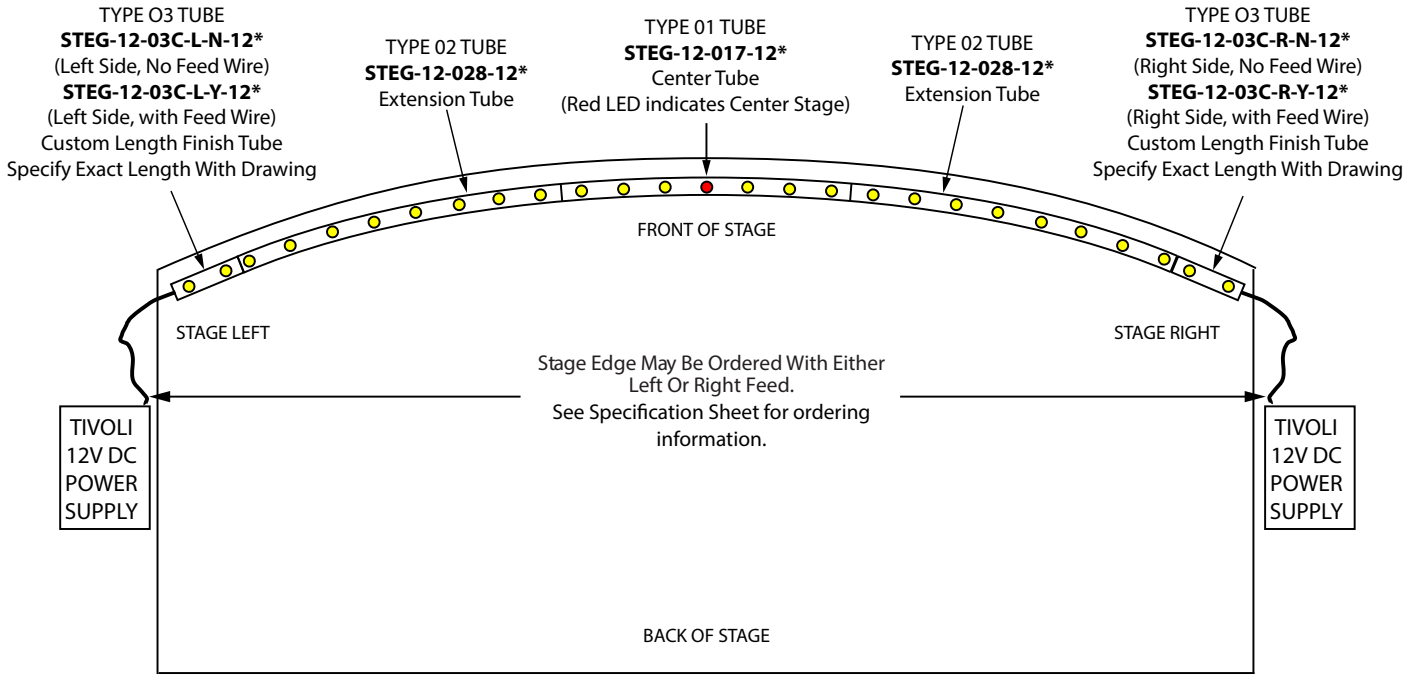
Step 7: Review the wiring diagram below to determine the polarity of each wire.

Polarity: LED Wiring Diagram



Step 8: Proceed to "Connecting Tube Modules" section.
Note: The field cut end of the tube will not have the pre-cut slot at the bottom to accomodate the butt connector, so tuck both butt connectors into the tube end that has the slot.

Stage Edge™ Layout Diagram



* Tube may be curved to a minimum radius of 20'.

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