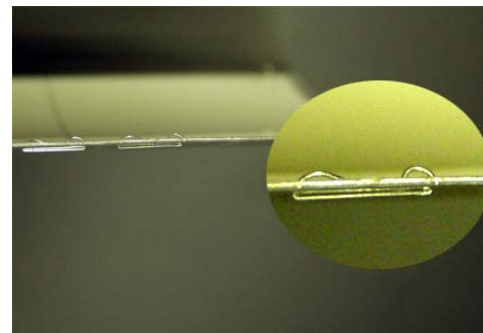


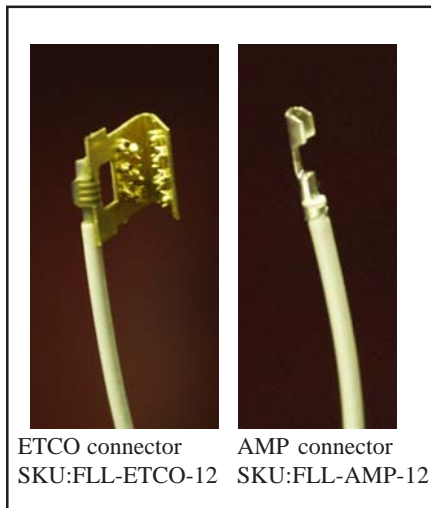
The unique construction of FLATLITE® lamps allows for a wide variety of methods of electrical connections. Two key factors to make a proper connection are:

1. A connection to the aluminum foil back should be made by piercing through the entire lamp.
2. There must be one connector on each side of the scribe line.

This photo uses a standard office staple to illustrate the two basic principles in making connections to FLATLITE lamp. The lamp has been pierced through all layers of the lamp to achieve a connection to the foil back, and there is one connection on either side of the scribe line. Attaching simple alligator clips with AC current will illuminate the lamp.



A Simple Staple illustrates the simplicity of making electrical connections to FLATLITE.



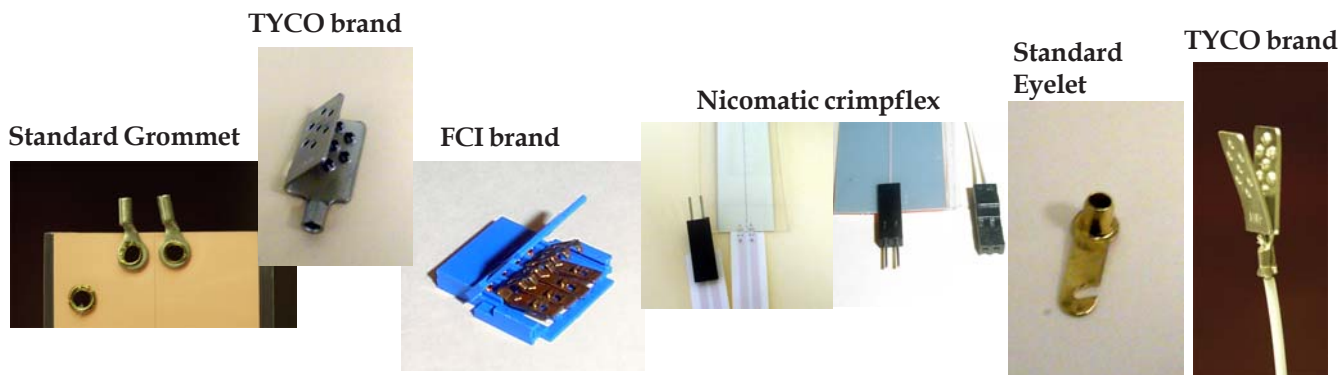
ETCO connector SKU:FLL-ETCO-12 AMP connector SKU:FLL-AMP-12

E-Lite Connectors

E-Lite Technologies uses and makes available two types of connectors, ETCO brand and AMP brand. Although special tools are available to make the connections with, both of these connectors can be attached using simple hand tools and basic bench tools (see E-Lite document “Making Connections”). E-Lite adds 12 inch (30.5 cm), 18-gauge stranded wire leads to these connectors, and sells the assemblies as sku: FLL-ETCO-12 or FLL-AMP-12. The ETCO connector is preferred for robustness and simplicity, however the Amp connector is used in certain circumstances. These include very small lamps, such as 0.25” (0.64cm) width, and applications where lit surface area is at a premium.

Other Connectors

Many FLATLITE users have successfully used other types of connectors. Grommets, rivets, staples and other conductive terminations are frequently used.

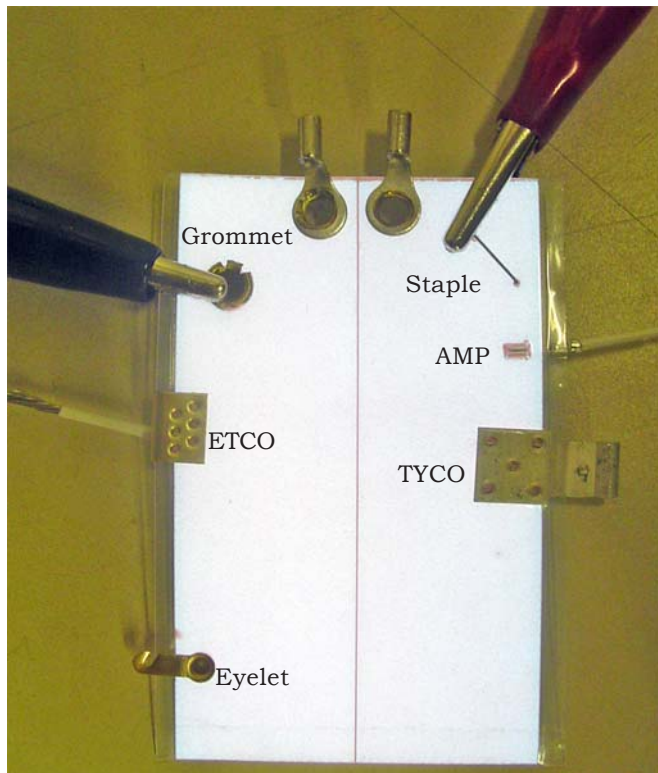


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Connection types and locations



This photo illustrates that no matter what type of connector is used, or where they are placed, the lamp will light as long as there is one active connection on either side of the scribe, and the connectors maintain contact with the aluminum foil back of the lamp.

Sealing the Connection

Properly sealing the connection point is very important. Standard electrical tape can be used and E-Lite makes available white colored sealing tape (FLT-0075W-3). It has a thicker glue adhesive than standard tape which ensures a more thorough seal. Any UL listed or CE approved tape for electrical use can work. For exterior and other specific applications E-Lite uses a hot glue that has electrical insulating qualities.

