

Installing Tape Light

Frequently Asked Questions

Q: Are all of the FreeForm and FlexForm tape light products UL Listed?

A: Only the -33 items (32.8 foot length reels) of LED FreeForm are c/UL/us Listed.

Q: Are the drivers and power connectors rated IP65 for outdoor use?

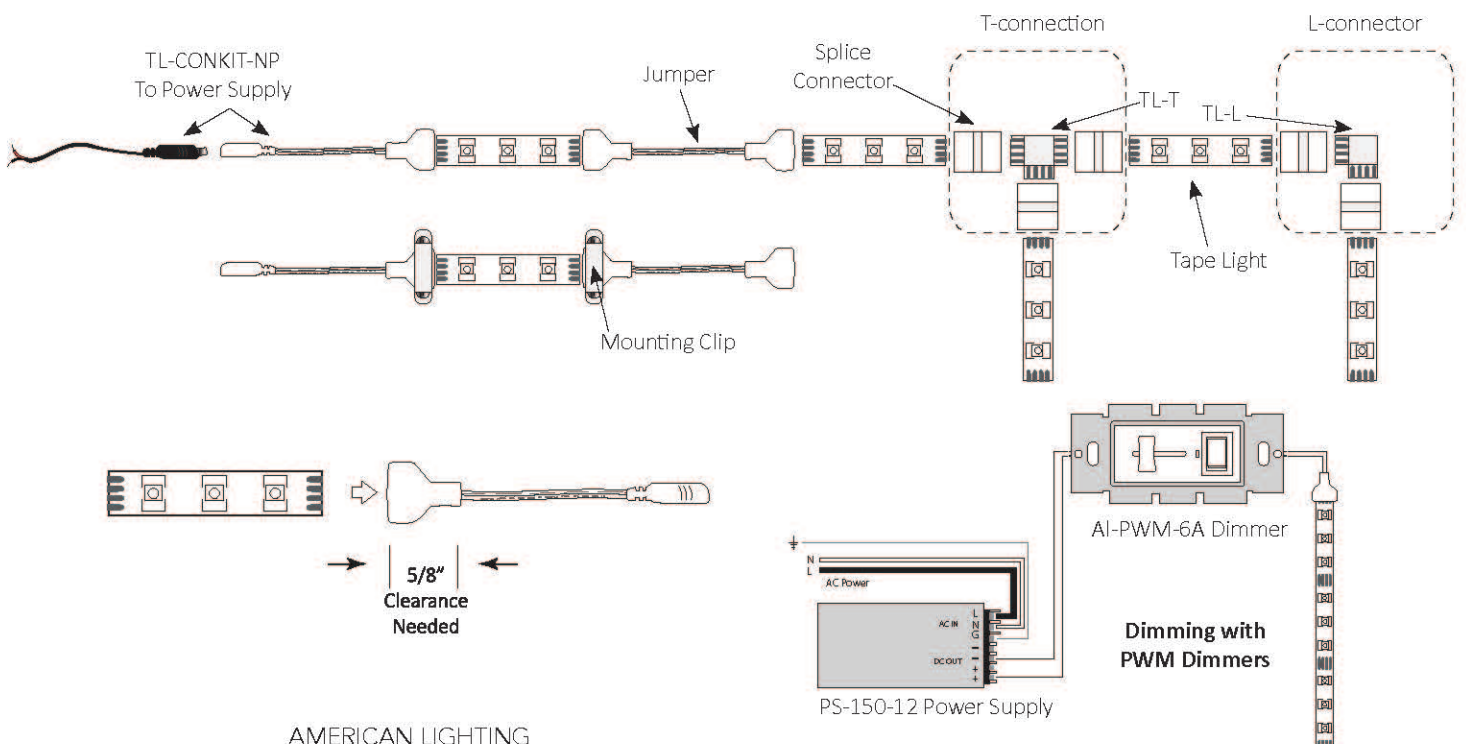
A: No. Drivers will need to be housed in a waterproof enclosure (not sold by American Lighting). The corded power connections (CONKITS and Jumpers) and the dead end must be housed inside a properly sealed extrusion. Any other power connectors (Ls, Ts, Xs) should only be used in dry locations. The LED FlexForm is suitable for damp locations, not wet.

Q: Can I use the FlexForm (jacketed) tape light with Extrusions?

A: American Lighting does not recommend covering a jacketed product like LED FlexForm tape light. You can use jacketed tape light with extrusions and forego the lens or utilize an extrusion such as the Turbo that has a larger lens clearance so the tape light jacket doesn't touch the lens. This is a good way to incorporate a heat sink into any installation to optimize the life of the LEDs.

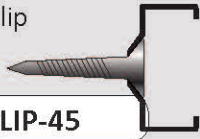
Q: Is there another option for powering tape light when the CONKIT doesn't fit inside of the extrusion I want to use?

A: If none of the suggested installation options suit your specific needs, it is possible to solder your power feed to the tape light, however, this requires specific solder, flux, and wire gauges, and may not be a recommended alternative unless performed by a professional installer with soldering and electrical experience.



Mounting Extrusions

Mounting Clip



E-CLIP or E-CLIP-45

3M® Double-sided Adhesive Tape

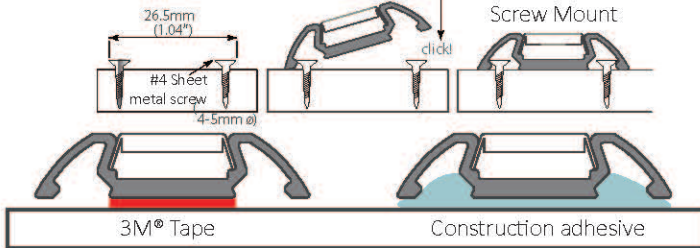
Sold in bags of 10

3M-TAPE-10

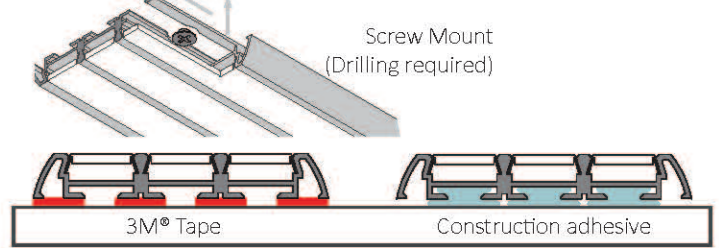
Construction Adhesive
(Unless otherwise noted)



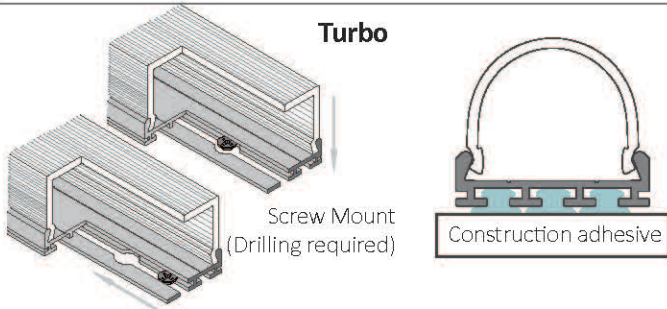
Single Stant



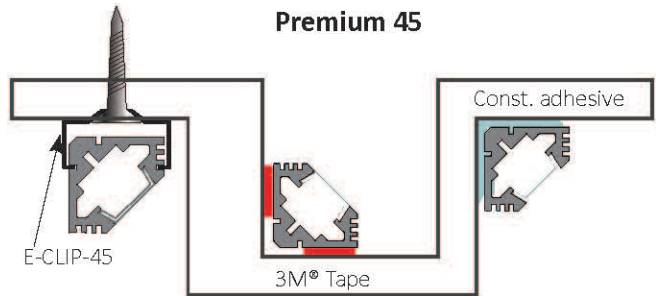
Triple Stant



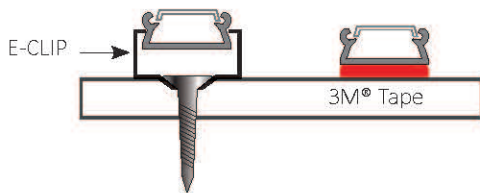
Turbo



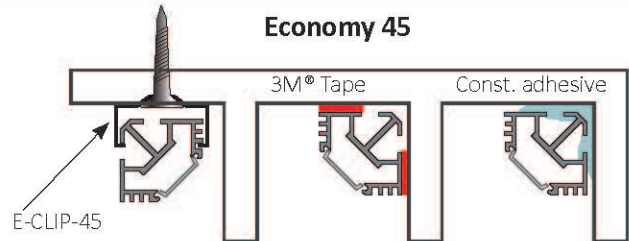
Premium 45



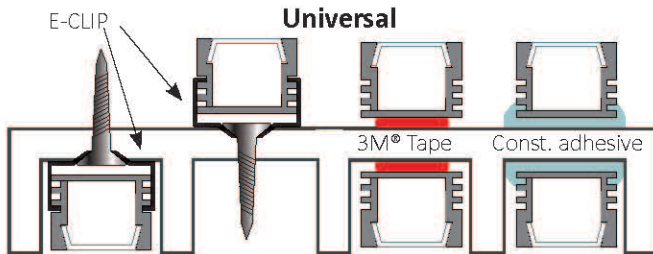
Economy



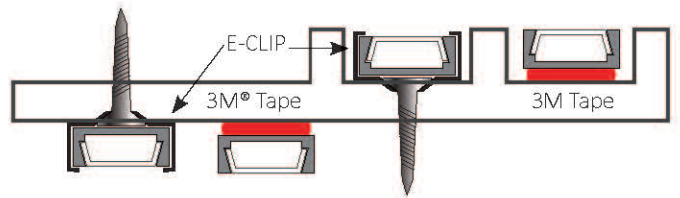
Economy 45



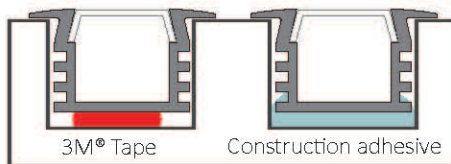
Universal



Universal Mini



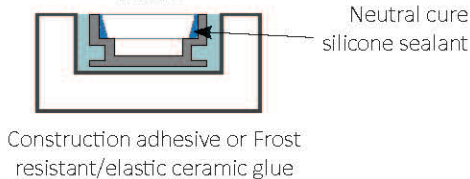
Double Flange



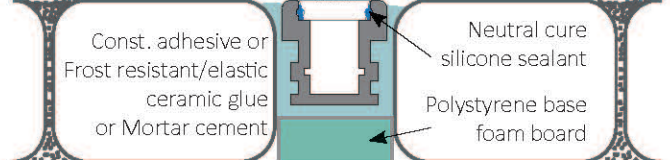
Mini Double Flange



Helm

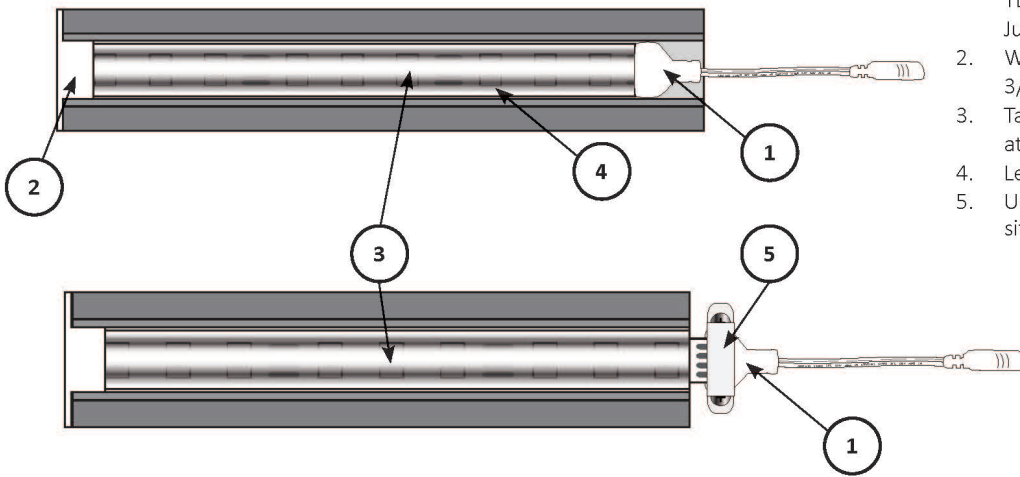


Paver



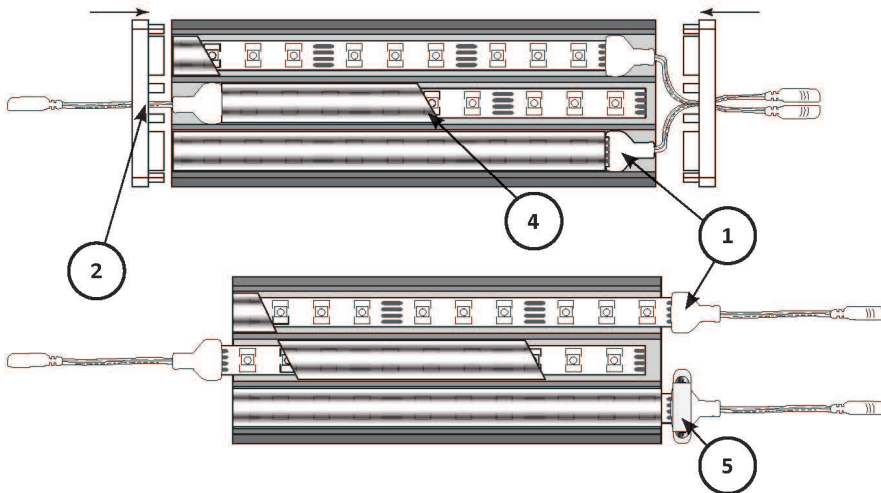
Using Tape Light + Extrusions

Single Stant



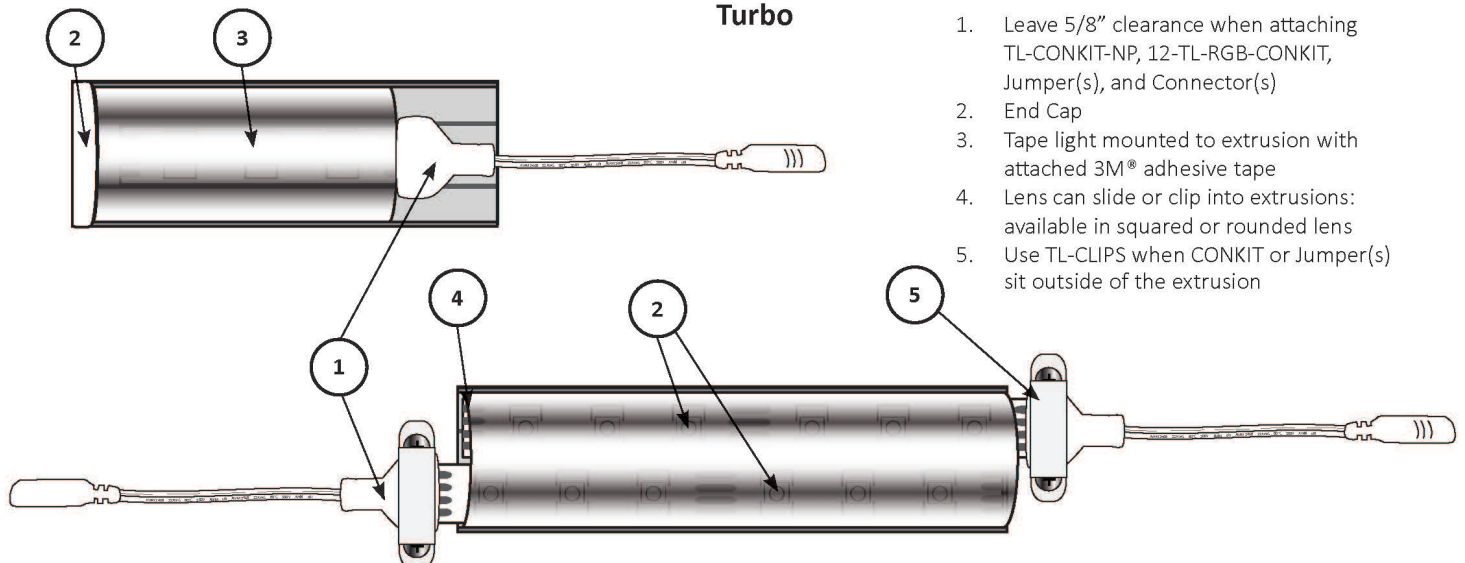
1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumper(s), and Connector(s)
2. When using an end cap, trim lens down by 3/8" to accommodate end cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions
5. Use TL-CLIPS when CONKIT or Jumper(s) sit outside of the extrusion installation

Triple Stant

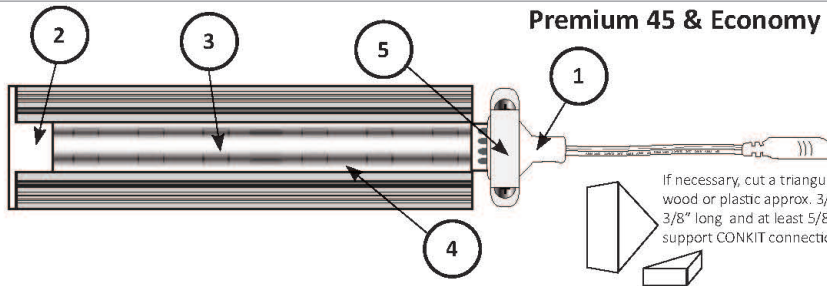


1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumper(s), and Connector(s)
2. When using an end cap, run wires through gap on bottom of end cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions
5. Use TL-CLIPS when CONKIT or Jumper(s) sit outside of the extrusion installation

Turbo

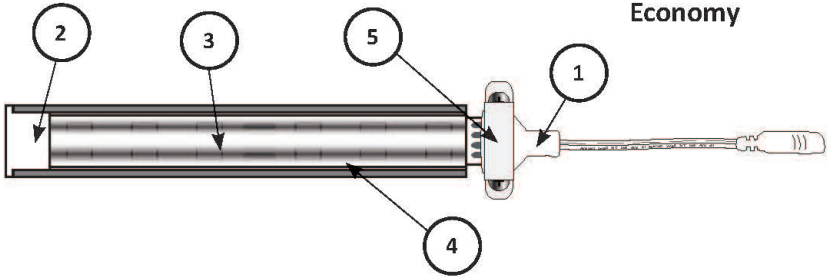


1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumper(s), and Connector(s)
2. End Cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions: available in squared or rounded lens
5. Use TL-CLIPS when CONKIT or Jumper(s) sit outside of the extrusion



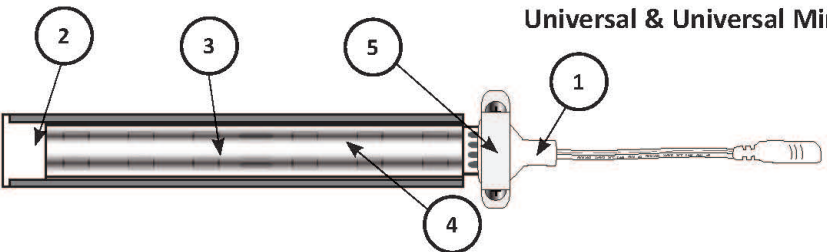
Premium 45 & Economy 45

1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumpers, and Connectors
2. When using an end cap, trim lens down by 5/16" to accommodate end cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions
5. Use TL-CLIPS to secure CONKIT or Jumper(s)



Economy

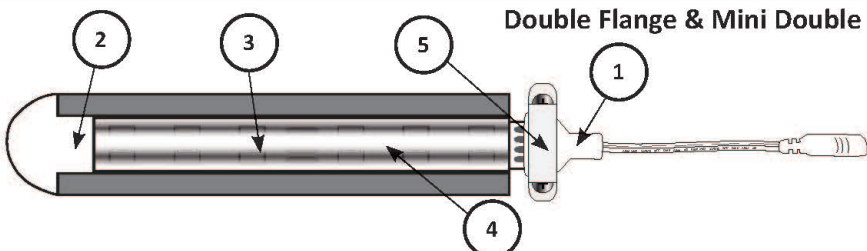
1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumpers, and Connectors
2. When using an end cap, trim lens down by 5/16" to accommodate end cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions
5. Use TL-CLIPS to secure CONKIT or Jumper(s)



Universal & Universal Mini

1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumpers, and Connectors
2. When using an end cap, trim lens down by 5/16" to accommodate end cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions
5. Use TL-CLIPS to secure CONKIT or Jumper(s)

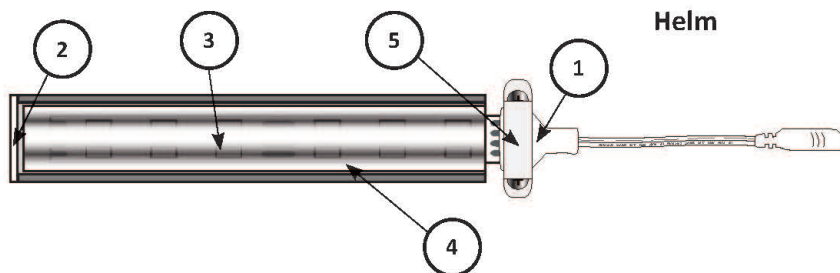
**Universal Mini not compatible with Flexform Tape Light when using a lens; see page 28*



Double Flange & Mini Double Flange

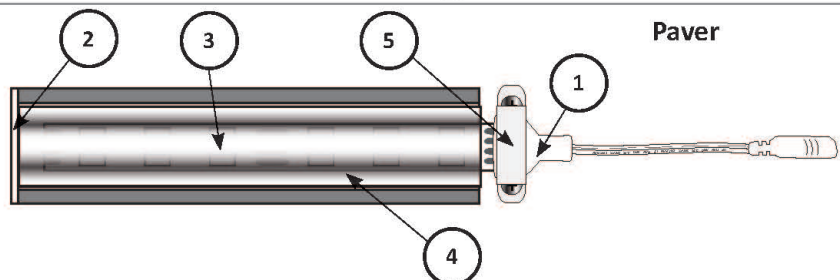
1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumpers, and Connectors
2. When using an end cap, trim lens down by 5/16" to accommodate end cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens can slide or clip into extrusions
5. Use TL-CLIPS to secure CONKIT or Jumper(s)

**Mini Double Flange not compatible with Flexform Tape Light when using a lens; see page 28*



Helm

1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumpers, and Connectors
2. End Cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens will need to be siliconed into place
5. Use TL-CLIPS to secure CONKIT or Jumper(s)



Paver

1. Leave 5/8" clearance when attaching TL-CONKIT-NP, 12-TL-RGB-CONKIT, Jumpers, and Connectors
2. End Cap
3. Tape light mounted to extrusion with attached 3M® adhesive tape
4. Lens will need to be siliconed into place
5. Use TL-CLIPS to secure CONKIT or Jumper(s)