

Read instructions entirely before starting installation.

Call Tivoli, LLC with any questions.

Tivoli's 360° LED Tubing is used mostly for decorative lighting designs. To design the best and most attractive system, first determine lamp spacing and accessories needed.

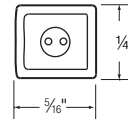
Caution:

360° LED Tubing is designed to work with Class II 12V DC transformers only. Use of any other power source will cause damage, shorten the life of the fixture and may void the warranty.

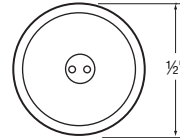
Be sure power is turned off before installing.



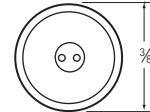
**TT1003
SEMI-RIGID**



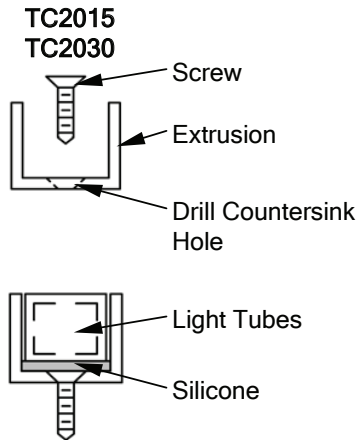
**TT1005
ULTRAFLEX**



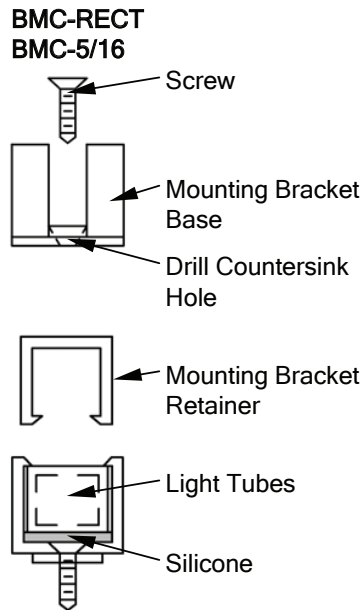
**TT1009
RIGID**



Channel Wall Mount



Clip Wall Mount



360 LED™ TUBING 7120013

INSTALLATION INSTRUCTIONS



Step 1: Measure area where system is to be applied.

Step 2: Lay the 360° LED Tubing desired area.

Step 3: If the design requires a mounting channel, lay channel along desired area and apply screws (by others) every 9 to 12 inches. Then snap light string into mounting channel.

Step 4: Insert end caps into channel and secure with screws (by others) and snap optional lens onto mounting channel.

Step 5: If the design requires mounting clips, first lay light string along desired area, then place mounting clips every 12 inches and apply screws (by others). Do not cut while system is powered!

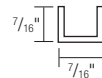
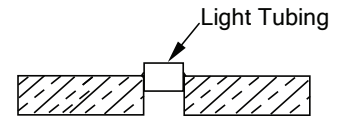
MAX. LEDS PER FEED

LIGHT SOURCE	VOLTAGE	MAX. LAMPS PER FEED
LEDs	12V	200

Installations

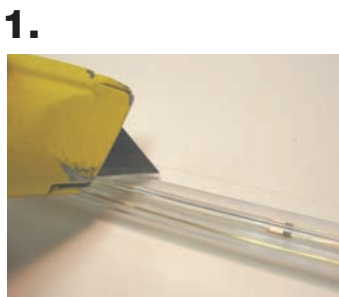
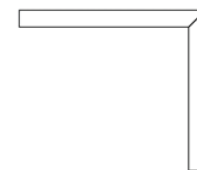
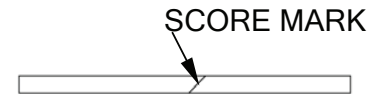
For Rectangular Light Tubing in Floors

1. Light tubing must be installed just slightly below floor level of 1/32" or less.
2. Lay a bead of clear silicone adhesive compound in groove before inserting tube. Press tube in groove with heel of hand or soft soled shoe. Be sure to clean groove before inserting tube.
3. To clean, mop with a damp mop. Keep light tubing as dry as possible.

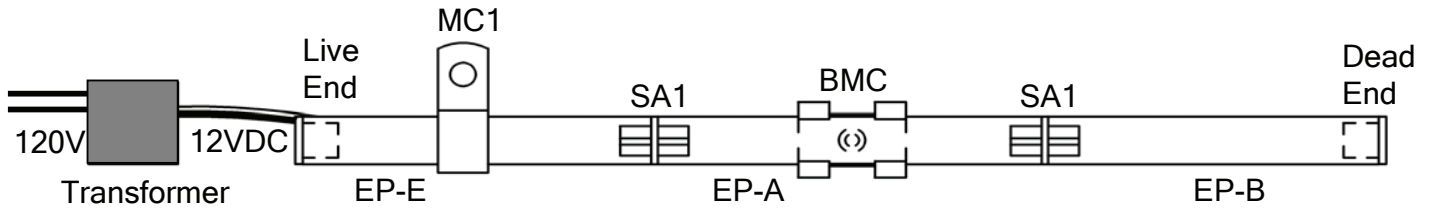


Miter Application

1. Using knife or sharp object, score tube where miter occurs. Bend tubing at score marks until tube break other side. Do not damage LEDs or wires in the process. For angles less than 90°, simply adjust cut.
2. Flip over one of the tubes, bring it to it's mitered position.
3. Using silicone adhesive at miters. Fill approx. 3/4" to moisture proof.



For Typical Application



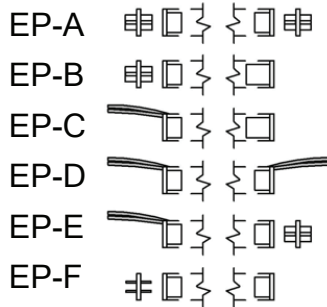
1. Install transformer in accordance with local codes, and check secondary voltage to assure it is the same as the marking on the ends of the light tubes.
Notes: Use only Class II transformer
2. Wire PFS1 power feed sockets or hardwire leads to transformer's secondary lines. Align wires for proper ± polarity.
3. Attached TIVOLI light tubing to surface with mounting clamps, extrusions or glue in place with a clear silicone adhesive. Align arrows on ends of light tubes as they are plugged end to end.

Note:

Do not use connectors for outdoor applications. Only hardwire leads are recommend.

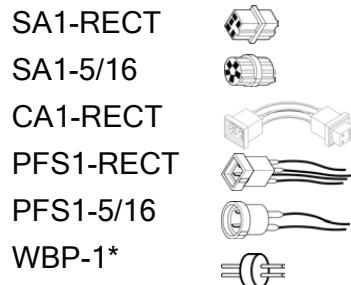
System Components

End Preparations

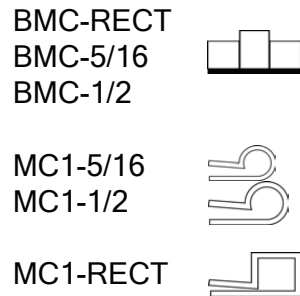


Connectors

(Used with EP-A, EP-B, EP-E)



Mounting Clamps



*TT1008 mounting clamp not available



EP-A
Connector with Connector



EP-B
Connector with Dead End



EP-C
24" Lead with Dead End



EP-D
24" Lead with 24" Lead



EP-E
Connector with 24" Lead



EP-F
Bi-Pin Connector with 24" Lead