Installation Instructions

Option 1: Mounting channel
Mounting channel is the recommended choice if mounting is visually exposed.
MCHAN-8-LP for Illumiline HO in 1011 profile
MCHAN-8 for Illumiline HO in 1010 rectangular profile only
Step 1: Measure and cut mounting channel from supplied 8 ft lengths to fit full length of each tube (partial channel lengths can be joined together).
Step 2: Attach mounting channel by applying screws (supplied by others) with countersink heads appropriate for mounting surface, ie: wood screws for wood.
Step 3: Snap Illumiline tube into channel. Make necessary electrical connections (fixtures are DC powered and wires are marked for polarity).

Option 2: Mounting clips
Mounting clips are the recommended choice for mounting in hidden from view spaces (ie. coves).
ILT-MCL-LP for Illumiline HO in 1011 profile
ILT-MCL for Illumiline HO in 1010 rectangular profile only
Step 1: Mark mounting clip positions along mounting area with clips positioned at 24 inches OC along area.
Step 2: Attach mounting clips by applying screws (supplied by others) with countersink heads appropriate for mounting surface, ie: wood screws for wood.
Step 3: Snap Illumiline tube into clips along the length. Make necessary electrical connections (fixtures are DC powered and wires are marked for polarity).
Installation Instructions (Continued)

**Option 3: Mounting brackets**
Recommended for mounting in hidden from view spaces (ie. coves) if angle control is needed.

**ILT-ADJ-MOUNT** (1010 profile) bracket with +/-45° angle adjustment.
**ILT-ADJ-MOUNT-LP2** (1011 profile) bracket with +/-45° angle adjustment.

**Step 1**: Mark Mounting Bracket positions along mounting area with Brackets positioned at 24 inches OC along length.

**Step 2**: Attach mounting brackets using #6 screws appropriate for mounting surface, ie: wood screws for wood. (#6 X 3/4" sheet metal screw included with bracket)

**Step 3**: Snap Illumiline tube into clips along the length. Make necessary electrical connections (fixtures are DC powered and wires are marked for polarity).

**Step 4**: Set angle and tighten screws to lock in place.
Wiring Size

Installer calculates wire size between load and power supply to avoid voltage drop.

The wire sizing from the transformer to the light strings must be carefully calculated in order for low voltage circuits to operate properly. Tivoli recommends to locate the transformer as close to the light string as possible. Use 12 gauge wire and keep the transformer within 80 ft of the fixture.

Warnings:

Do not cover any luminaire as the covering may cause it to overheat.

Do not install this lighting system where the exposed bare contacts can be shorted or contact any conductive material to reduce the risk of fire and burns.

Do not install any luminaire closer than 6 inches (15.25cm) from any curtain, or similar combustible material.

Do not use any luminaire if damaged; such as, broken globe, loose connections, or frayed wire insulation. Inspect periodically.

Do not submerge any luminaire in liquid. Use waterproof connectors for all outdoor applications.

Do not secure any luminaire with staples, nails or like means that might damage the wire insulation. Secure it by using screws through the base.

Do not run any luminaire at an operating temperature exceeding 65˚ C or 149˚ F.

Power Supplies and Dimming Options

There are many possible options for powering and dimming Illumiline HO™. See the specification Sheet for more information. Please refer to the Installation Instruction for the Power Supply you choose for detailed wiring instructions.