**Mounting on a Curve**

**Step 1:** Lay the Covelum strand along the mounting area along the curve.

**Step 2:** Attach a Cable Clamp on either side of a Covelum™ Module near the beginning of the curve. Position one so the screw hole is on the outside of the curve and the other so the Hole is on the inside of the curve. Attach two more Cable clamps every 12” around the curved area.

**Step 3:** Secure all Cable Clamps with screws (by others).
Option 2: Mounting channel

Optional Mounting Channel is the recommended choice if mounting location is visually exposed.

**Step 1:** Measure and cut mounting channel from supplied 8 ft lengths to fit full length of application mounting area.

**Step 2:** Install Mounting Channel by applying screws every 12” OC (supplied by others) with countersink heads appropriate for mounting surface, ie: wood screws for wood.

**Step 4:** Cut Module Strand to correct length to fit into Mounting Channel.

**Step 5:** Remove Tape Backing from the bottom of each Covelum™ Module and snap Module Strand into mounting channel.

**Step 6:** Install optional lens into mounting channel if needed.

**Step 7:** Tap a hole near edge of mounting Channel and tap a matching hole in foot of End Cap. Insert end caps, secure with screws (by others).

**Step 8:** Connect lead end of Covelum™ strand to TERM-BLK Terminal Block inside JBOX Junction Box and install a LS-EC-WH End Cap on the trail end of the strand.

Maximum Continuous Runs:

Mounting Channel is supplied in 8’ sections. for Longer runs, butt Mounting Channels together and attach an End Cap at the end of the run.
Product Specification Guide

<table>
<thead>
<tr>
<th>SPACING</th>
<th>WATTS PER FOOT</th>
<th>PRODUCT MAX RUN LIMITATIONS (Ft/W/LED's)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5&quot; OC</td>
<td>4.3W/ft</td>
<td>25’ 120W per 15A Class I circuit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13’ 60W per 5A Class II circuit</td>
</tr>
<tr>
<td>3&quot; OC</td>
<td>3.6W/ft</td>
<td>30’ 120W per 15A Class I circuit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15’ 60W per 5A Class II circuit</td>
</tr>
<tr>
<td>4&quot; OC</td>
<td>2.7W/ft</td>
<td>40’ 120W per 15A Class I circuit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20’ 60W per 5A Class II circuit</td>
</tr>
</tbody>
</table>

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 locating the transformer as close to the light string as possible. Use 10 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” (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 Supply

There are many possible options for powering and dimming Covelum DM™. This product is designed to be used with listed Class 1 and Class 2 12V power supplies. See the Specification Sheet for more information. Please refer to the Installation Instruction for the power supply you choose for detailed wiring instructions.