

## Installation Guide for the Luminous 360 T-Bar Perimeter

Please read through all the instruction packet before beginning. **If the ceiling grid outside the Luminous SkyCeiling has not yet been installed, go to Step 3.**

### Step 1: Lay Out the Circle

Locate on your ceiling the center point of your Luminous SkyCeiling, as per architect's specifications or taking into account the design elements of the ceiling grid. From the center point, turn a circle with a radius equal to the **outside radius of the curved T-bar minus 7/16" (11mm)** or the **inside radius of the curved T-bar plus 13/16" (21mm)**. (See Grid Plan G1.)

### Step 2: Remove Existing Ceiling

Remove all tiles that sit within or overlap the circle, marking the tiles that intersect the perimeter so they may be re-inserted back in their original positions once the SkyCeiling is installed. Remove all spanners (cross-tees) that sit within or overlap the circle, marking the spanners that intersect the perimeter so they may be re-inserted back in their original positions once the SkyCeiling is installed. Re-hang the ends of the runners (mains) where they intersect the perimeter of the circle, attaching the hanger wire no more than 8 inches back from the intersection. Cut the existing runners to the line.

### Step 3: Install the Curved T-Bar

Pre-hang the suspension wires to receive the curved T-bar. Each section of T-bar should be suspended 8 inches from each joint and in the center. Pre-drill the

vertical leg of the T-bar to receive the suspension wires using a 3/16 inch drill bit. Hang the T-bar, being careful to not scratch the finished face and edges. Adjust the height of the T-bar to match the existing ceiling and so the bottom face is level. Be sure to match the joints A to A, etc. Secure the splice plates at each joint, using the 6/32 x 1/4 inch self-tapping screws provided.

**IMPORTANT:** The T-bar perimeter has been finished to match the Armstrong ceiling grid. Care must be taken not to scratch or mar it. If touch up is needed, use Armstrong Grid Touch-Up Paint, White.

#### **Step 4: Double Check All Measurements and Fit**

Check the diameter of the installed curved T-bar in several places. See Grid Plan G1. Make adjustments if necessary. Check the fit of the T-bar in relation to existing runners. Does it sit equidistant to the cut ends of all runners? Do the runners rest easily on the T-bar? Make adjustments if necessary.

#### **Step 5: Replace All Existing Spanners and Tiles**

Cut all spanners and tiles to the line and reinstall in their original positions. Suspend if necessary. **THIS REFERS TO GRID AND ACOUSTIC TILES OUTSIDE THE PERIMETER ONLY.** The grid and SkyTiles provided by The Sky Factory have been pre-cut and do not need to be modified.

For technical support, please call us toll free at 866-759-3228. We want your installation to go as smoothly as possible. Thank you for choosing The Sky Factory.