

## Custom Luminous SkyCeiling T5 Lighting Installation Instructions (Metric)

### T5 Single Lamp Fixture Dimmable and Non-Dimmable Lighting Systems

See Lighting Plan L1 for the layout of the Single Lamp Fixtures.

To assemble the fixtures:

1. Each fixture has a base and a cover. Remove the cover by removing one pan head screw on one end and loosening the pan head screw on the other end. Save the screw.
2. Connect the ballast wiring to the T5 lampholders. Lampholders are supplied in a separate packet. The lampholders need to be connected to the ballast wiring before attaching them to the fixture base.
  - a. Feed the two red and two blue ballast wires through the rectangular openings on each end of the base (see photo below): red wires on one end, blue wires on the other end.



- b. Connect the wires to the lampholders by inserting the pre-stripped wire ends into the twin push wire terminals on the bottom of the lampholders. **IMPORTANT:** There are two twin push wire terminals on the bottom of each lampholder. One of the two wires should be inserted in a terminal of one twin, and the other wire should be inserted in a terminal of the other twin. This will leave an unused terminal in each twin push wire terminal (see preceding photo).
3. Attach the lampholders to the base. First angle it into the rectangular opening, as shown in the picture, and then push it to an upright position. Lampholder will snap into place.



- - 
  - 
  4. Attach the fixture base to the plenum ceiling following the layout in Lighting Plan L1. Note: 2' (60mm) Single Lamp Fixtures have two mounting-hole locations, one on each end. All other sizes have three mounting-hole locations.

**For Non-Dimmable Systems:**

Run the building's power, neutral and ground wires through a box connector inserted in one of the knockouts on the end of the base. Connect the power and neutral wires to the ballast wire leads in the fixture – black to black and white to white – using wire nuts or other code compliant connectors; connect the green ground wire lead to the green earth ground screw on the floor of the base.

**For Dimmable Systems:**

To wire the dimmable lighting system, refer to the wiring diagrams supplied by the manufacturer and included with the Dimmer Switch. For best results, installer must use a line voltage dimmer switch which is compatible with the ballast.

5. Once the wiring has been connected, reattach the cover, being careful not to pinch the wires or over-tighten the pan head screws.
6. Install the T5 lamp. Insert lamp into lampholders with lamp pins in line with slot in lampholder. With both ends inserted into the lampholders, turn lamp one quarter turn to lock in place.
7. Follow steps 1 through 7 for all the single lamp fixtures.
8. Test the lighting before continuing with the SkyCeiling installation.

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.