Micro Star™ Installation Instructions for SunRail™ Systems

The Micro Star LED Light is the smallest self-contained LED on the market. These LED lights are available in 12v and each draws only .02 amps. Each bulb has a life cycle of 18,000 hours. Being completely waterproof and encased in a type 316 stainless steel housing, these lights are able to stand up to the most demanding environments. The Micro Star LED Light is both a functional and creative lighting alternative.

The following guide will take you step-by-step through the process of installing Micro Star LED lights on a SunRail system.

**Tools**

**Required & Recommended**

- Work Gloves
- Safety Glasses

**Tips for a Successful Installation**

- Read the instructions completely before beginning the installation.
- Check carton(s) to determine part count is complete.

**Warning**

ALWAYS USE WORK GLOVES AND WEAR SAFETY GLASSES TO PROTECT YOUR HANDS AND EYES.
Installing Micro Star LED Lighting

**Micro Star LED Lighting**
The Atlantis Railing Micro Star LED light is the smallest self-contained LED on the market (See Figure A) and come pre-installed in the top rails.

**Install the Transformer**
Mount the Micro Star transformer near a 110v, power outlet but leave transformer unplugged until it is needed (See Figure B). Select the end post closest to the outlet in order to connect to the transformer. You will need to run the low voltage wire down this post so plan accordingly. You may need to drill an additional hole in the decking beneath this post to run the low-voltage wire to keep it hidden. The transformers are available in 1 amp and 5 amp models.

**Install Jumpers**
Run supplied jumper wires between all fittings. This includes tees, elbows and 3-way corners (See Figure C). Adjustable fittings and dovetails should already have jumpers installed for your convenience.

**Connect Rails with Jumpers**
Beginning with the end post closest to the transformer, connect rails sequentially with the jumpers (See Figure D).

Install rails as they are connected according to the applicable SunRail system installation instructions.

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**Micro Star Components**

- **Micro Star LED Light**
  - S0801-0000

- **Micro Star Transformer (1 Amp)**
  - S0832-0001

- **Micro Star Transformer (5 Amps)**
  - S0832-0005

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**USE DC TRANSFORMER ONLY!**

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**Figure A.** Micro Star LED light.

**Figure B.** DC transformer is comprised of heavy-duty water resistant material.

**Figure C.** Run supplied jumper wires between all fittings, including tees, elbows and 3-way corners. Adjustable fittings and dovetails should already have jumpers installed for your convenience.

**Figure D.** Atlantis Rail pre-installs Micro Star lights and wiring in the rails before shipping to a customer.

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**ATLANTIS RAIL CHECKS EACH LIGHT IN OUR SHOP TO BE SURE THAT IT IS FUNCTIONING ACCORDING TO SPECIFICATIONS. HOWEVER, IT IS A GOOD IDEA TO CHECK THE LIGHTS ON-SITE TO BE SURE THAT NO WIRING CAME LOOSE IN TRANSIT.**
**Micro Star Specifications**

The patented Micro Star series is a complete line of lighting options for railings, fencing, steps and many other indoor or outdoor applications. The Micro Star LED Lights are available in 12v and each draws only .02 amps. Each bulb has a life cycle of 18,000 hours.

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