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## SunSetter LED Light System

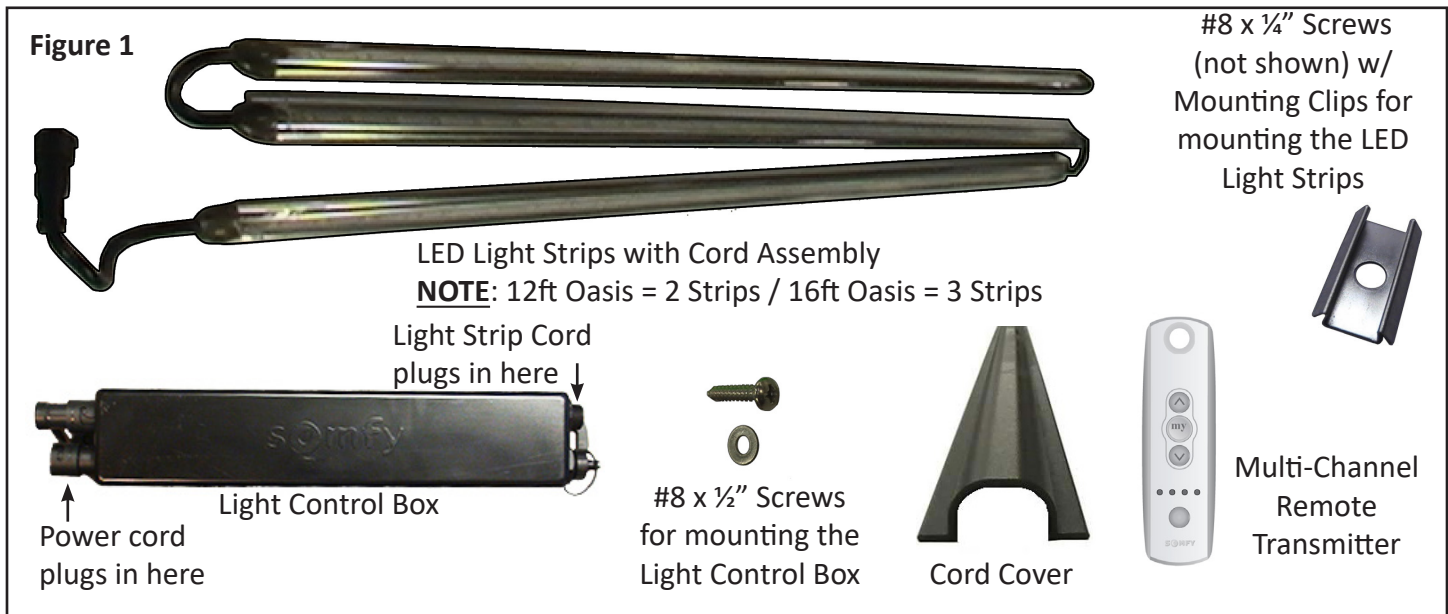
### Oasis Awning Installation

**\*Helper Needed\***

**Tools needed:** Electric Drill (Use Gloves and Eye Protection), Center Punch, Hammer, Pencil, Tape Measure, Phillips Screwdriver, and one or more Helpers.

**Parts Supplied:** LED Light Strips (12ft = two sections, 16ft = three sections), black Light Control Box, black 24ft Power Cord (not shown), short cord (not shown), Mounting Clips, Cord Cover, Velcro Strips (not shown), Multi Channel Remote Transmitter and spare CR2430 Battery (not shown), 3.7 mm or #26 (0.147 diameter) Drill Bit (not shown), #8 x ¼" Screws, #8 x ½" Screws. See **Figure 1**.

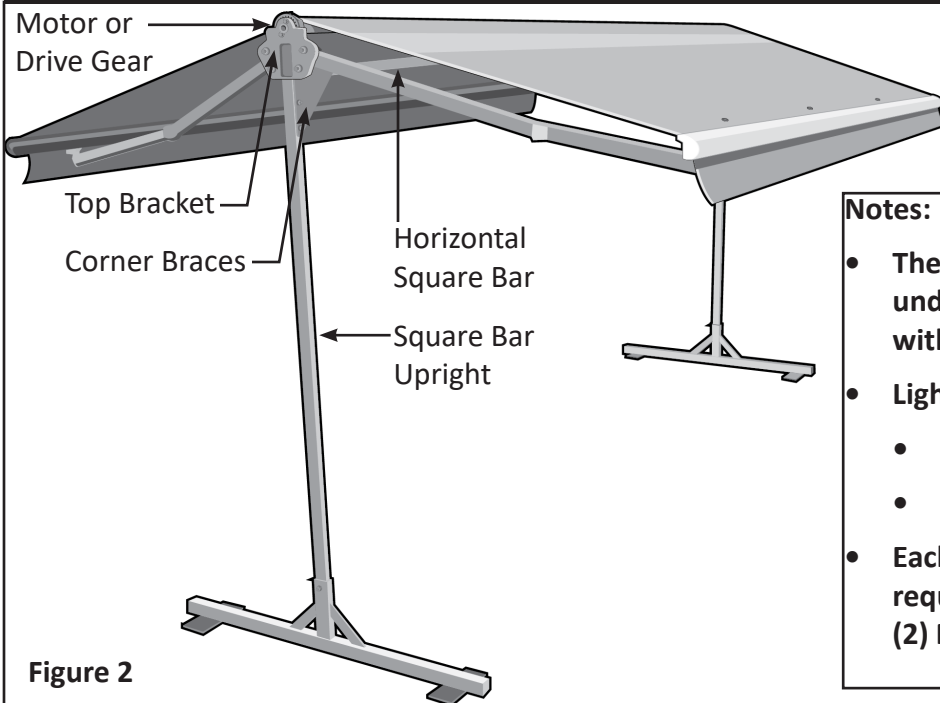
**WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN PERSONAL INJURY! PLEASE READ THESE INSTRUCTIONS IN ITS ENTIRETY BEFORE ATTEMPTING TO COMPLETE THIS INSTALLATION.**



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## Two LED Light System Models: 12 ft and 16 ft Wide Oasis



### Notes:

- The LED Light Strips mount to the underside of the Horizontal Square Bar, with LED Light Strips facing down.
- Light Strip sections:
  - 12ft model = 2 Light Strip sections.
  - 16ft model = 3 Light Strip sections.
- Each LED Light Strip (2 or 3 strips total) requires two (2) drilled holes and two (2) Mounting Clips for installation.

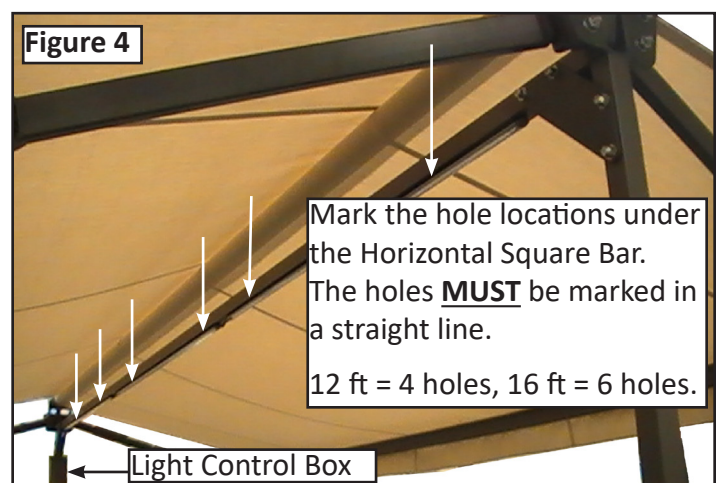
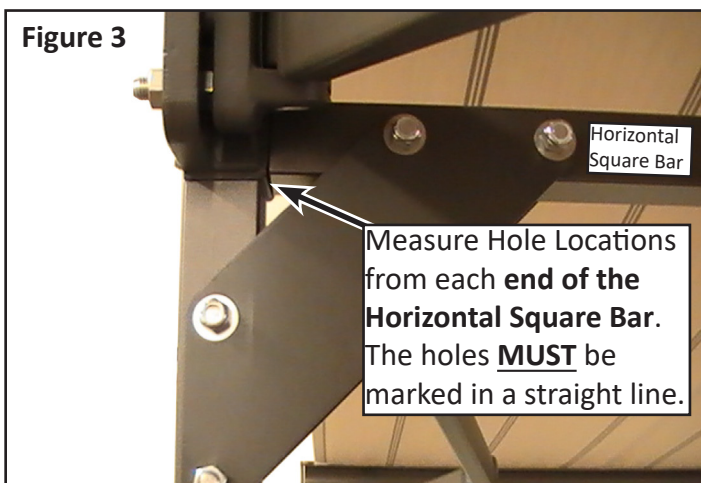
Figure 2

1. Open the Oasis.
2. For Motorized Oasis, unplug the Motor from the GFI power outlet.

## Mark, Punch and Drill Hole Locations

### Mark Six (6) Hole Locations for Mounting Clips

3. **From each end of the Horizontal Square Bar** (see Figure 3), measure and mark the following locations (see Figure 4) to be drilled underneath the Horizontal Square Bar. **Note: The holes MUST be in a straight line, or else the LED Light Strips will not properly attach to the Mounting Clips.**
  - For Oasis 12 ft model: Approximately 20 inches and 55 inches **from each end**.
  - For Oasis 16 ft model: Approximately 20 inches, 55 inches and 72 inches **from each end**.



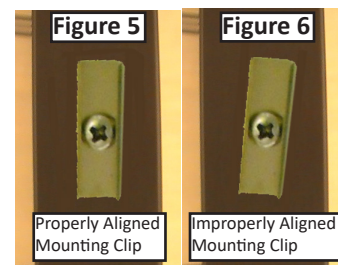
**WARNING: ALWAYS WEAR GLOVES AND USE EYE PROTECTION WHEN OPERATING A DRILL.**

### Punch and Drill Hole Locations

4. Punch each Hole Location to be drilled, using the Center Punch and Hammer, while wearing safety glasses.
5. Drill each Hole Location, **using the provided drill bit**, while wearing safety glasses.

## Attach Mounting Clips

6. Secure the Mounting Clips to the Horizontal Square Bar using the supplied #8 x ¼" Phillips screws.
  - Make sure that the Mounting Clips are aligned parallel to the Horizontal Square Bar and the open channel faces down.
  - See **Figure 5** for a Properly Aligned Mounting Clip and **Figure 6** for an Improperly Aligned Mounting Clip.
  - To attach the Light Strip to the Clips, push straight up until they snap in place.



## Attach Light Control Box

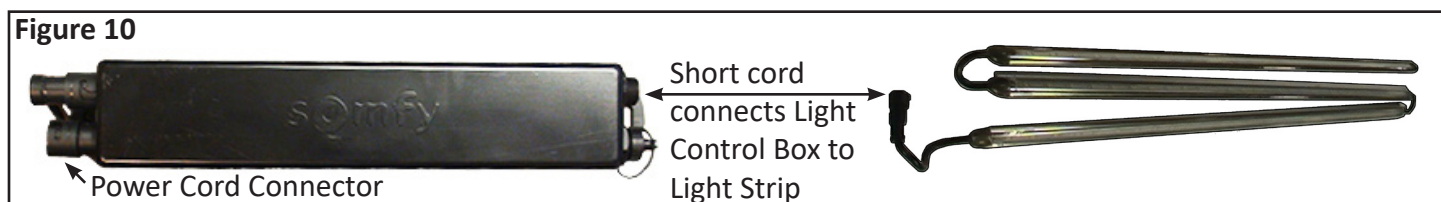
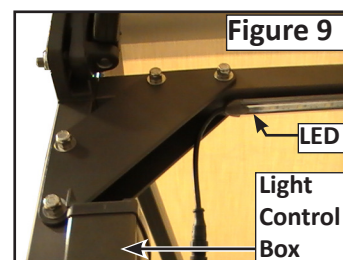
7. Install the Light Control Box on the inside, upper end of the Square Bar Upright, high and against the Corner Braces. See **Figure 7**.
  - a. Hold the Light Control Box against the **Inside Edge** of the Square Bar Upright. Slide up against the Corner Braces (see **Figure 7**). Center the Box, side-to-side, on the Square Bar Upright. Mark the **Mounting Hole** (at each end of the Light Control Box) on the Square Bar Upright. See **Figure 8**.
  - b. **Remove the Light Control Box** from the mounting area and then drill the upper and lower **Mounting Holes** for the Light Control Box.
8. Attach the Light Control Box to the Square Bar Upright, using the supplied #8 x ½" screws.



## Attach LED Light Strips to Mounting Clips

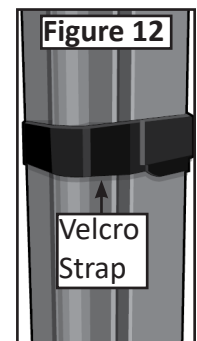
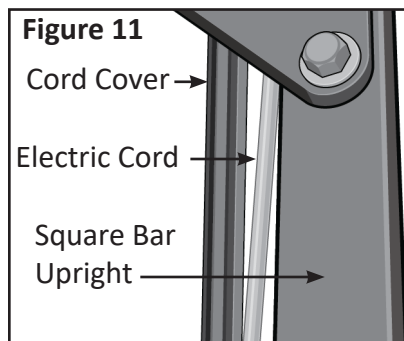
**CAUTION** - Make sure that all the Mounting Clips are still oriented parallel to the Horizontal Square Bar before completing the next step. The LED Light Strips will not attach to improperly aligned Mounting Clips. Forcing LED Lights onto improperly aligned Clips can permanently damage the Clips. See Figures 5 and 6.

9. Working with your helper, position the LED Light Strip on the Horizontal Square Bar, beginning closest to the Power Control Box. See **Figure 8**.
10. While your helper supports the other end of the LED Light Strip, very carefully press the LED Light Strip onto the Mounting Clip attached closest to the Power Control Box, until it clicks into place, then press onto the Mounting Clip at the other end of the Light Strip you are currently installing.
11. Continue installing LED Light Strip(s) in the same direction and manner.
12. Connect the Light Control Box to the Light Strip using the short cord. See **Figure 10**.



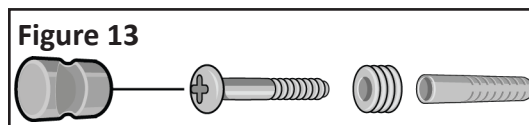
## Attach Cord Cover to Square Bar Upright

13. Locate the Cord Cover and position the Cover over the LED Light System Electric Cord and flat against the inside of the Square Bar Upright. See **Figure 11**.
14. Using the supplied Velcro Straps, secure the Cord Cover in place. See **Figure 12**.
15. For Motorized Oasis only, plug the Oasis Motor into your Ground Fault Interrupter (GFI) outlet.  
**DO NOT PLUG IN THE LED LIGHT SYSTEM UNTIL INSTRUCTED TO DO SO.**



**WARNING: FAILURE TO PLUG THE ELECTRIC CORD INTO A GROUND FAULT INTERRUPTER (GFI) OUTLET CAN RESULT IN PERSONAL INJURY.**

16. A Wall Mount for the Remote Transmitter is included with the Remote Transmitter. Position the Wall Mount at the desired indoor location and secure as needed. See **Figure 13**.



## The Multi Channel Remote Transmitter

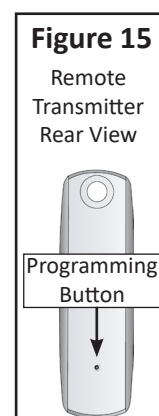
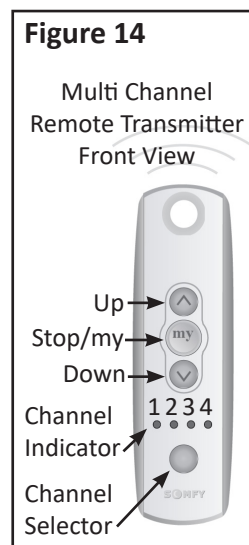
The Multi Channel Remote Transmitter must be programmed to the Power Control Box **the first time the LED Light System is plugged in.**

SunSetter recommends **Channel 1** be used to operate your Motorized Oasis and **Channel 2** be used to operate your LED Light System.

If your Oasis is manually operated, then you can use **Channel 1** to operate your LED Light System.

### How to Use the Multi Channel Remote Transmitter (See Figures 14 & 15)

- **To identify the active Channel**, press and release the Channel Selector button. The active Channel Indicator Light will blink for about **5 seconds**.
- **To move to the next Channel**, press and release the Channel Selector button while the Channel Indicator Light blinks. The next Channel becomes active. That Channel Indicator Light blinks for about **5 seconds**.
- All four blinking Lights indicates **Channel 5** is active.
- Channel selection moves in order **from Channel 1 through 5, then back to 1.**
- A spare **CR2430** Battery is included with the Remote Transmitter.





## Program the Multi Channel Remote Transmitter to the LED Light System

Use either Section A, B or C

<h3>Section A</h3> <p>For LED Lights purchased <u>WITH</u> Motorized Oasis, use Steps A1 - A4.</p> <p>Channel 1 for Motor Channel 2 for Lights</p>	<p>A1. Set the Remote Transmitter to operate on <b>Channel 2</b> (see <b>Figure 14</b>).  <b>Note: Channel 1 operates your Oasis, use Channel 2 for the LED Lights.</b></p> <p>A2. Plug the Power Control Box into a GFI outlet. The LED Lights will turn on for two seconds.</p> <p>A3. Press the UP and DOWN buttons on the the Remote Transmitter (see <b>Figure 14</b>) at the same time (for about three seconds). The LED Light strips (mounted on the Oasis) will turn on for about two seconds.</p> <p>A4. Press the Programming Button on the back of the Remote Transmitter (see <b>Figure 15</b>) for one second. The LED lights (mounted on the Oasis) will turn on for two seconds.</p> <p><b>The LED Light System programming is now complete.</b></p>
<h3>Section B</h3> <p>For LED Lights purchased <u>SEPARATELY</u> from Motorized Oasis, use Steps B1 - B7.</p> <p>Channel 1 for Motor Channel 2 for Lights</p>	<p>B1. Set the Remote Transmitter to <b>Channel 1</b> (see <b>Figure 14</b>).</p> <p>B2. On the <u>Remote Transmitter</u> that controls your Oasis; press and hold the Programming Button (see <b>Figure 15</b>) on the back of the Remote, release after the Oasis jogs.</p> <p>B3. Press and hold the Programming button (see <b>Figure 15</b>) on the back of the <u>New Multi Channel Remote Transmitter</u> until the Oasis jogs.</p> <p>B4. Set the Multi Channel Remote Transmitter to <b>Channel 2</b> (see <b>Figure 14</b>).</p> <p>B5. Plug the Power Control Box into a GFI outlet. The LED lights (mounted on the Oasis) will turn on for two seconds.</p> <p>B6. Press the UP and DOWN buttons on the Remote Transmitter (see <b>Figure 14</b>) at the same time (for about three seconds). The LED lights (mounted on the Oasis) will turn on for two seconds.</p> <p>B7. Press the Programming Button on the back of the Remote Transmitter (see <b>Figure 15</b>) for one second. The LED lights (mounted on the Oasis) will turn on for two seconds.</p> <p>B8. The original Remote Transmitter continues to operate your Oasis.</p> <p><b>The LED Light System programming is now complete.</b></p>
<h3>Section C</h3> <p>For LED Lights with a non-motorized Oasis, use Steps C1 - C4.</p> <p>Channel 1 for Lights</p>	<p>C1. Set the Remote Transmitter to operate on <b>Channel 1</b> (see <b>Figure 14</b>).</p> <p>C2. Plug the Power Control Box into a GFI outlet. The LED lights will turn on for two seconds.</p> <p>C3. Press the UP and DOWN buttons on the Remote Transmitter (see <b>Figure 14</b>) at the same time (for about three seconds). The LED lights (mounted on the Oasis) will turn on for two seconds.</p> <p>C4. Press the Programming Button on the back of the Remote Transmitter (see <b>Figure 15</b>) for one second. The LED lights (mounted on the Oasis) will turn on for two seconds.</p> <p><b>The LED Light System programming is now complete.</b></p>

## Operation of Your LED Light System

The **LED Dimmer** can be used to dim the level of the LED Light strip to either **full ON**, **full OFF**, or in increments. The different levels can be achieved either by **pressing and releasing** a button, or **pressing and holding** a button as described below.

### Turning the LED strip full ON

To turn the LED Light strip **fully ON**, press & release within  $\frac{1}{2}$  **second** the **UP** button on the Remote Transmitter. Any time the **UP** button is pressed and released within  $\frac{1}{2}$  **second**, the LED strip will turn **fully ON**.

### Turning the LED strip full OFF

To turn the LED strip **fully OFF**, press & release (within  $\frac{1}{2}$  **second**) the **DOWN** button on the Remote Transmitter. Any time the **DOWN** button is pressed and released within  $\frac{1}{2}$  **second**, the LED strip will turn **fully OFF**.

### Dimming the LED strip ON

When the LED strip is **fully OFF**, press and hold (for more than  $\frac{1}{2}$  **second**) the **UP** button on the Remote Transmitter. As you continue to hold the **UP** button, the LED Lights will gradually dim up to **fully ON**. When a desired dimming level has been achieved, release the **UP** button.

The LED Light strip can be dimmed from any level by pressing and holding (for more than  $\frac{1}{2}$  **second**) the **UP** button on the Remote Transmitter.

### Dimming the LED strip OFF

When the LED Light strip is **fully ON**, press and hold (for more than  $\frac{1}{2}$  **second**) the **DOWN** button on the Remote Transmitter. As you continue to hold the **DOWN** button, the LED Lights will dim down to **fully OFF**. When a desired dimming level has been achieved, release the **DOWN** button.

The LED strip can be dimmed from any level by pressing and holding (for more than  $\frac{1}{2}$  second) the **DOWN** button on the Remote Transmitter.

### Favorite “my” Position

A favorite dimming level can be memorized as described below.

Use the Remote Transmitter to set the LED strips to a desired dimming level.

Press and hold (for approximately **5 seconds**) the “**my**” button on the Remote Transmitter until the LED Light strips blink. This level has now been memorized, and the LED Light strips will be set to this level whenever the “**my**” button is pressed and released (within  $\frac{1}{2}$  **second**).

To memorize a new favorite dimming level, follow the same procedure. The previous favorite dimming level will be overwritten.

## Master Reset

In cases of a replacement Remote Transmitter or inoperable Remote Transmitter, the LED Lights can be reset as described below.

1. Unplug the LED Lights for 5 seconds.
2. Plug in the LED Lights for 10 seconds.
3. Unplug the LED Lights for 5 seconds.
4. Plug in the LED Lights. The LED Lights begin to blink. Go immediately to **Step 5**.
5. Press and Hold the Programming button on the back of the Remote Transmitter for several seconds, until the LED Light Strips blink again, then release the Programming button.
6. Go to “**Program the Multi Channel Remote Transmitter to the LED Light System**” on **Page 5**.

**WARNING: DO NOT ATTEMPT TO OPEN THE LIGHT CONTROL BOX FOR ANY REASON, AS THERE ARE NO USER-SERVICEABLE PARTS INSIDE. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN AN ELECTRIC SHOCK AND CAUSE PERSONAL INJURY. DO NOT ATTEMPT TO DISTURB OR REMOVE THE WATERPROOF WIRING SEALS ON THE OUTSIDE OF THE POWER CONTROL BOX.**

*Thank you for choosing SunSetter*