

### BEFORE YOU START:

- Install in indoor location only
- Turn power off before beginning
- Review all pertinent electrical codes

### TOOLS NEEDED:

- Scissors or hobby knife

### PARTS INCLUDED:

- (1) S12x12 LED panel
- (1) S12x12-RGBW-SSC (2 & 3 pin connectors)
- (1) 18-5-WIRES (4 ft. cable)

### 1. POSITIONING LAMINA

Familiarize yourself with the Lamina RGBW sheet. Connectors are conveniently placed on all 4 sides, and dotted vertical and horizontal lines show precisely where to trim sheet (Fig. 1). Creating a layout template would be helpful. Pre-cut out all shapes with scissors or hobby knife and place sheets into your layout template. Make sure you cut along vertical or horizontal cut lines only. (Fig. 2).

### 2. ALIGNING LAMINA

Seat pins in connector ports of one sheet and then connect to next sheet, making sure that they are aligned. (Fig. 3).

**NOTE: When aligning sheets for connection with two-prong connector, make sure that you match polarity. Example: + to + and W to W.**

### 3. REMOVING ADHESIVE BACK

Simply peel back paper cover on adhesive back (Fig. 4). Place carefully in position and burnish down with the side of your hand or a soft edge straight edge to remove air bubble.

### 4. (OPTION 1) USING STAPLES OR SCREWS, NO STAND OFFS

Making sure that you don't staple into a circuit, staple or tack Lamina to surface, only in the rectangle mounting squares on the sheet. (Fig. 5).

**5. (OPTION 2) USING CLEAR STAND-OFFS** Clear stand-offs are meant to be spacers for translucent sheets placed over Lamina sheets. Attach stand-off to adhesive disc or screw (see table below). For adhesive disc, apply included disc to bottom of clear stand-off (Fig. 6). For screw fastening, remove top and insert screw through stand-off. DO NOT OVERTIGHTEN (Fig. 7). Re-install it into bottom of stand-off. Space out as needed to distribute weight of translucent sheet evenly. Adjust height of stand-off by rotating top. Do not place stand-offs over screw heads or staples. See cutaway diagram (Fig. 8). **CAUTION: Stand-offs are to be used on top of horizontal surfaces only. Not for vertical wall or ceiling applications. Not for heavy weight bearing applications like flooring.**

### 6. INTERCONNECTING LAMINA.

Using included connectors - make one connection per sheet by pressing one end of connector into one sheet, and the other end to the next sheet to establish a powered connection (See Fig. 3).

### 7. CONNECT RGBW CONTROLLER

Connect RGBW Controller (sold separately) to connector sockets. Wire RGBW Controller to 24VDC non-dimming LineDRIVE power supply.

### 8. USING HAND CONTROLLER

See instruction guide for RGBW hand controller in order to create vivid and colorful transitions and scenes.

FIG. 1

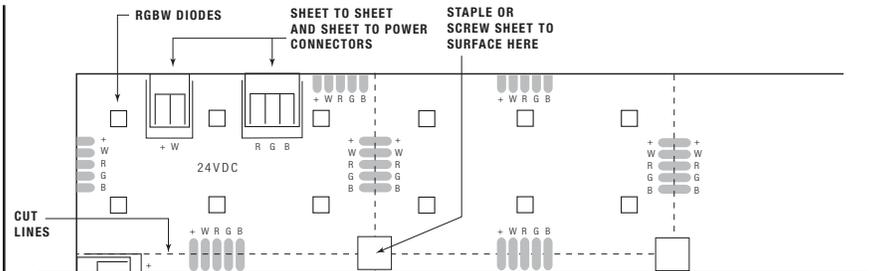


FIG. 2

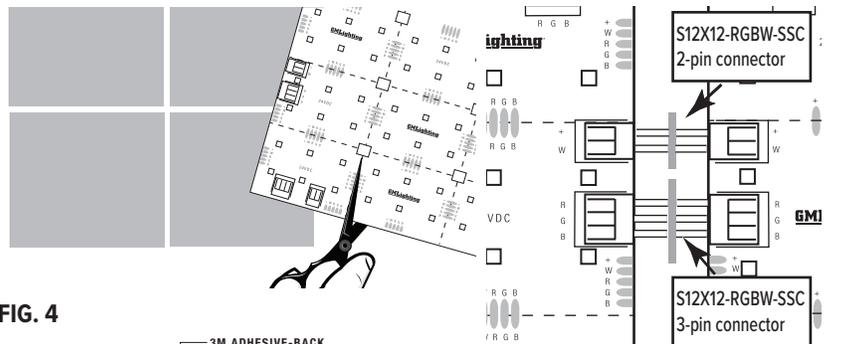


FIG. 3

FIG. 4

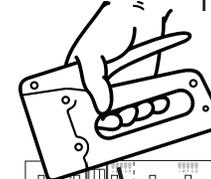
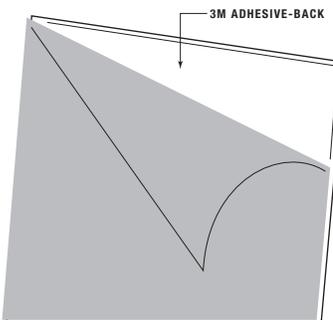


FIG. 5

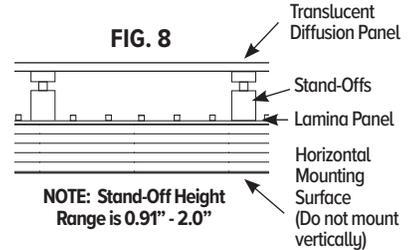
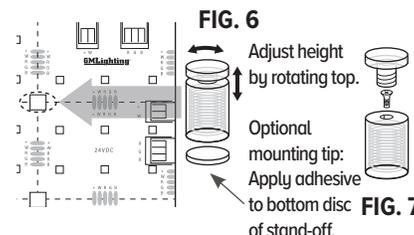


FIG. 8

Model No.	Description	Diameter	Max. Load Each	Height Range	Recommended Screw Size (by others)
GM-SOC-1	Clear, Acrylic w/ Clear 3M Tape	13mm (0.52")	6 lbs.	23mm (0.91") to 33mm (1.30")	#6 x 3/4" Pan Head Sheet Metal Screw
GM-SOC-2	Clear, Acrylic w/ Clear 3M Tape	19mm (0.75")	10 lbs.	36mm (1.42") to 51mm (2.00")	#8 x 3/4" Pan Head Sheet Metal Screw

**WIRE SPECIFICATION:**

- 18-22 AWG tinned or soldered ends

