

### PRODUCT OVERVIEW

Lamina is a 24VDC flexible light sheet that can be cut in the field into geometric or irregular shapes, creating limitless illumination for signage, light panels, retail display, backlighting and themed lighting applications. Easy installation with no heat sink required. Standard sizes: 2x2 = 5 Sheets, 4x2 = 9 Sheets, 4x4 = 18 Sheets (see next page)

### KEY FEATURES

- 24VDC
- 2700K, 3000K, 3500K, 4000K
- Flexible - conforms to curvilinear shapes like round columns
- Dimmable (Triac)
- 8" x 16" with 48" leads and sheet to sheet connectors
- 1/8" depth
- Connectible via integral push-in connectors
- 3M construction adhesive adheres to most flat or curved surfaces
- 3M tape, staple or screw mounting options
- Closet rated
- 5-year warranty

### ELECTRICAL

- 24VDC (remote power supply required)
- Connectors every 4" around perimeter of sheet
- 128 LEDs / sq. ft. (1 inch spacing)

### OPTICS

- 90+ CRI
- 2700K, 3000K, 3500K, 4000K

### CERTIFICATION

- ETL

### WARRANTY

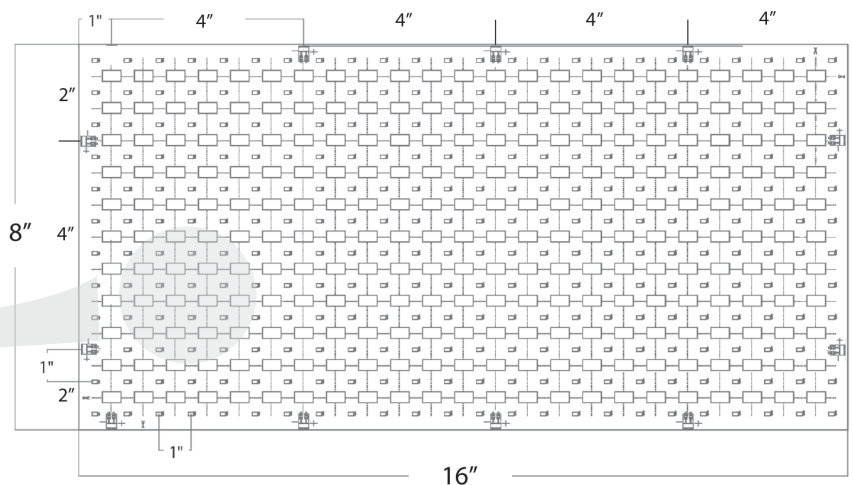
- 5 year warranty



### PRODUCT ORDERING

Catalog Number	Output	Size	Wattage	Lumens	Color Temp.
S8X16-S0-27	Standard	8" x 16"	5W / sq. ft.	500 / sq. ft.	2700K
S8X16-S0-30	Standard	8" x 16"	5W / sq. ft.	500 / sq. ft.	3000K
S8X16-S0-35	Standard	8" x 16"	5W / sq. ft.	500 / sq. ft.	3500K
S8X16-S0-40	Standard	8" x 16"	5W / sq. ft.	500 / sq. ft.	4000K
S8X16-H0-27	High	8" x 16"	10W / sq. ft.	1000 / sq. ft.	2700K
S8X16-H0-30	High	8" x 16"	10W / sq. ft.	1000 / sq. ft.	3000K
S8X16-H0-35	High	8" x 16"	10W / sq. ft.	1000 / sq. ft.	3500K
S8X16-H0-40	High	8" x 16"	10W / sq. ft.	1000 / sq. ft.	4000K

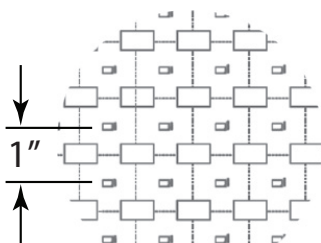
### PRODUCT DIAGRAM



**Note: Maximum quantity of LED sheets put together, using Class II power supply: 22 sheets (20 sq. ft.) for standard output. 11 sheets (10 sq. ft.) for high output.**



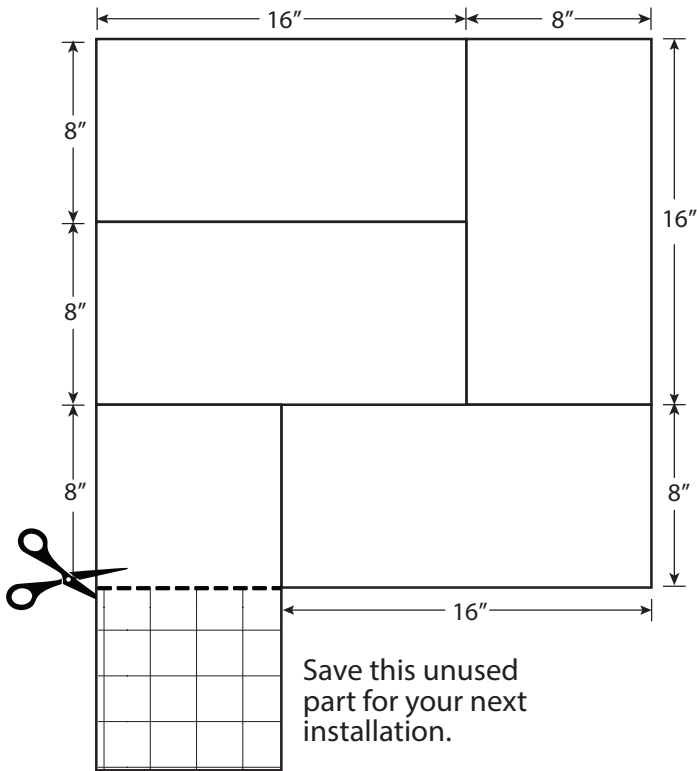
### DIODE LAYOUT DETAIL



**Tight diode to diode spacing for even illumination and no hot spots.**

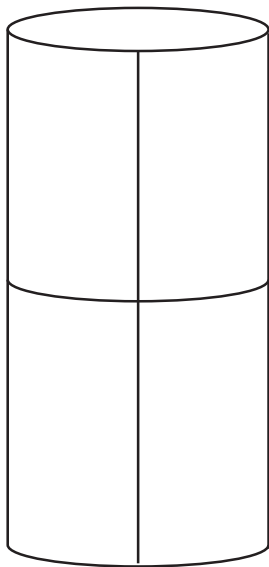
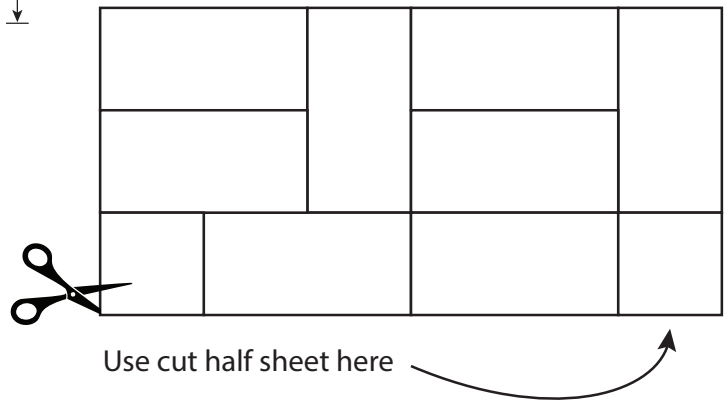
**NOTE: Even illumination will vary depending on materials, please verify offset for even illumination.**

Creating a 2 x 2 Using 8" x 16" Lamina Sheets



Sample Lamina Layouts

Creating a 4 x 2 Using 8" x 16" Lamina Sheets



Create light pillars, illuminated table columns or whatever your imagination can conjur up!

Creating a 4 x 4 Using 8" x 16" Lamina Sheets

