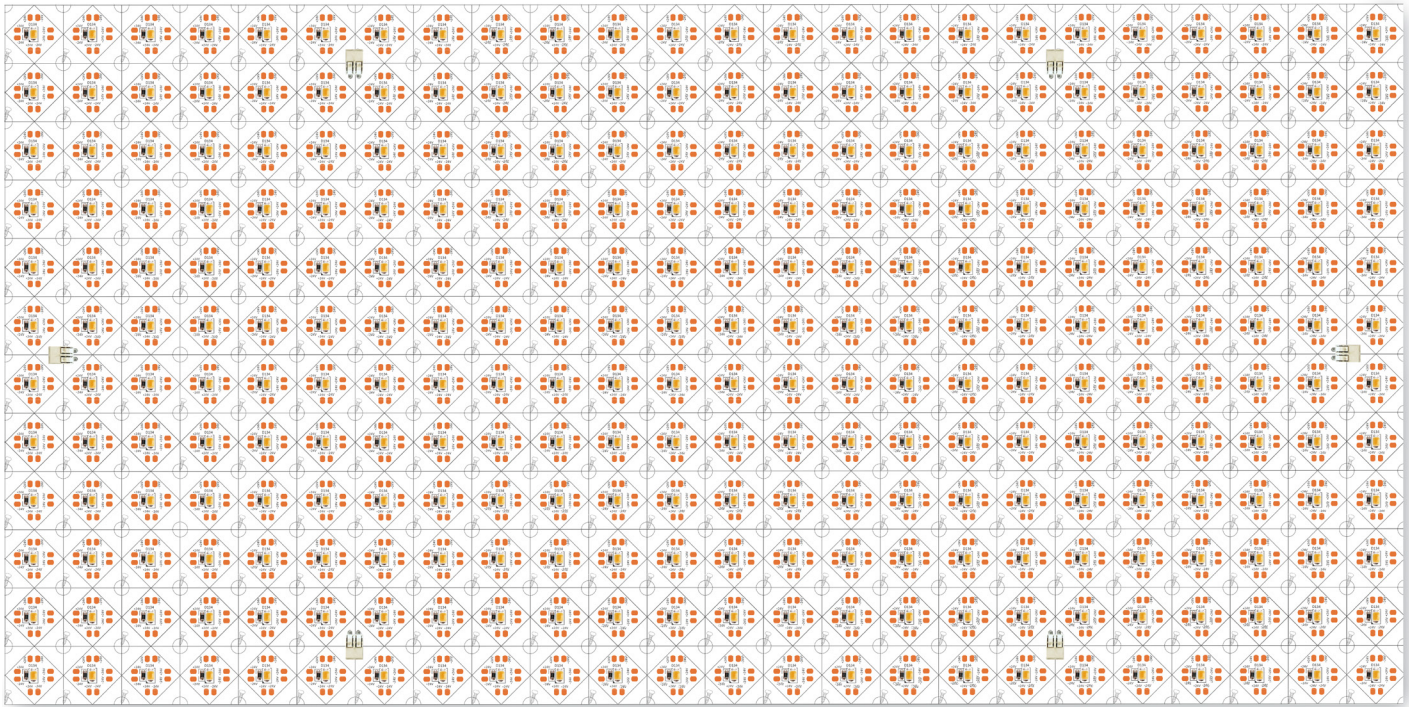


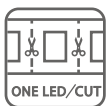
LED Pixels Light Sheet - Single Color - WHITE ATMOSPHERE



This LED pixels light sheet provides uniform illumination. It is great for backlighting projects where a lighting solution that is both thin and bendable may be needed to fit into irregular surfaces and spaces. Massive cut lines allow customers to design their own shapes.

Features

- Flexible and cuttable design allows for easy installation and illuminates every edge with light.
- Good for a backlight of showcases, billboard, translucent wall, and signage light box.
- Easy installation featuring 300 LSE 3M tape backing.
- 50,000h long lifespan with 5 years limited warranty.
- Dimmable available with PWM, Forward phase, Triac, 0-10V, MLV, ELV.
- For spotless effect, the distance between light sheet and diffuser should be ≥ 1.18 in
- Able to achieve spotless effect when used in a 1.12in onyx with a distance of 0in.
- UL listed.



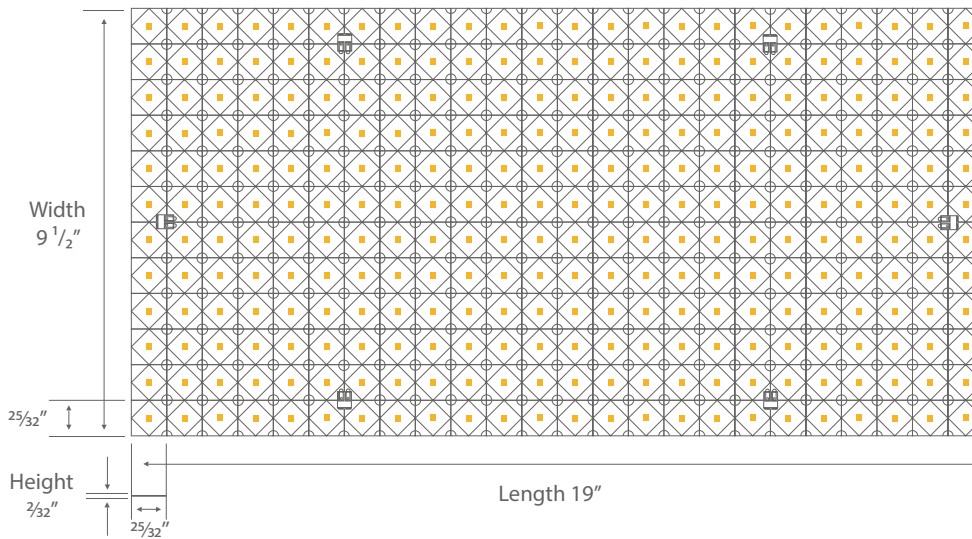
Specification

| | |
|---------------------------|--------------------------------------------|
| Input Voltage | 24VDC |
| Dimmable | PWM, Forward phase, Triac, 0-10V, MLV, ELV |
| Color Temp. (CCT) | 2700K, 3000K, 4000K, 5000K |
| Power Consumption | 10W/sheet, 30W/sheet |
| Cut Increments | 1 LED/cut |
| Lead Wire / Jumper | 20 AWG, 2ft / 3in (2 Wires) |

| | |
|------------------------------|-----------------------------------------------------|
| LED Quantity | 288 LEDs/sheet |
| No Voltage Drop | 10W/sheet: 12 Sheets Max 30W/sheet: 4 Sheets Max |
| LED Chip | 2835 |
| Operating Temperature | -4°F~113°F |
| Lumen Maintenance | 50,000 hrs |

Models

| Model No. | Color | Brightness | Power | CRI | Light Efficiency | IP Rating | Dimensions (L x W x H) |
|------------------------------|-------|---------------|-----------|-----|------------------|---------------------|------------------------|
| GL-PLS-288-125-24V-10W-2700K | 2700K | 909 lm/sheet | 10W/sheet | 90+ | 91 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-10W-3000K | 3000K | 960 lm/sheet | 10W/sheet | 90+ | 96 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-10W-4000K | 4000K | 1010 lm/sheet | 10W/sheet | 90+ | 101 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-10W-5000K | 5000K | 1010 lm/sheet | 10W/sheet | 90+ | 101 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-30W-2700K | 2700K | 2646 lm/sheet | 30W/sheet | 90+ | 88 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-30W-3000K | 3000K | 2793 lm/sheet | 30W/sheet | 90+ | 93 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-30W-4000K | 4000K | 2940 lm/sheet | 30W/sheet | 90+ | 98 lm/W | IP20 (Dry location) | 19x9.5x0.04in |
| GL-PLS-288-125-24V-30W-5000K | 5000K | 2940 lm/sheet | 30W/sheet | 90+ | 98 lm/W | IP20 (Dry location) | 19x9.5x0.04in |



Voltage Drop Guidance Chart

This table provides general guidelines for determining Wire Gauge based on total load and distance from LED transformer to beginning of luminaire.

24V Voltage Drop & Wire Length Distance Chart (3% Drop or 23.28V)

| Wire Gauge (AWG) | 10W 0.42A | 20W 0.83A | 30W 1.3A | 40W 1.7A | 50W 2.1A | 60W 2.5A | 70W 2.9A | 80W 3.3A | 90W 3.75A | 100W 4.2A |
|------------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| 20 | 85ft | 43ft | 27ft | 21ft | 17ft | 14ft | 12ft | 11ft | 9ft | 8ft |
| 18 | 134ft | 68ft | 45ft | 33ft | 27ft | 22ft | 19ft | 17ft | 15ft | 14ft |
| 16 | 215ft | 109ft | 72ft | 54ft | 43ft | 36ft | 31ft | 27ft | 24ft | 22ft |

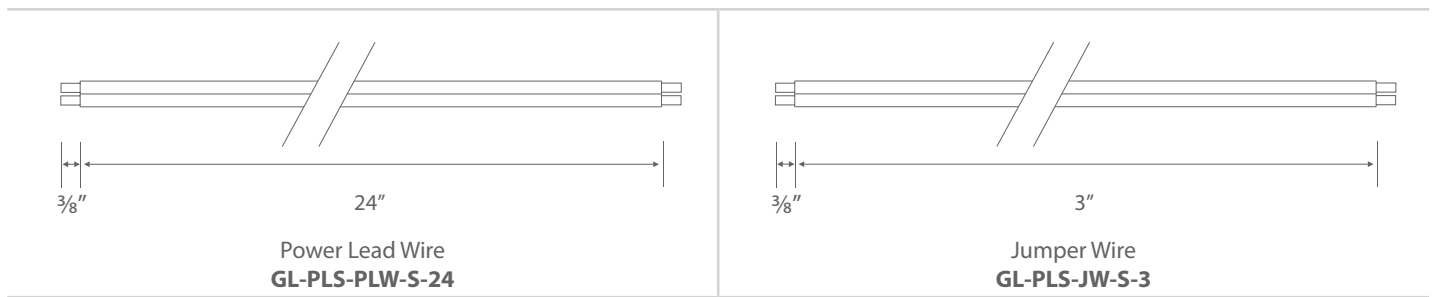
Step 1: Calculate Total Load: Check the power consumption of the LED light (e.g. 3W/ft). Calculate the total load of the LED light based on the light length (e.g. 10ft). The total load is 3W/ft x 10ft = 30W.

Step 2: Find Distance from Transformer to the Light Beginning: Check the distance between the transformer to the beginning of the light onsite. Let's assume it is 40ft. Round up to the nearest one on the table (Column 30W), which is 45ft.

Step 3: Choose Suitable Wire Gauge: According to the table (Column 30W & Row 45ft), it's recommended to use 18AWG or up wire between the transformer and LED light to eliminate voltage drop.

Note: This table is calculated based on the theoretical voltage drop formula. The wire quality, the LED light technology and environment conditions affect the result also. This table is only for reference.

Accessories (Sold Separately)

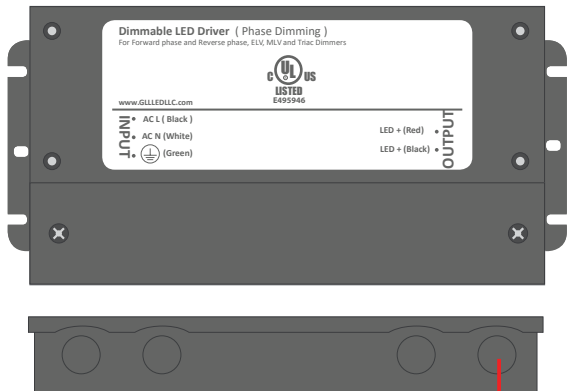


*Each sheet of LED pixels light contains 1 piece of Power Lead Wire and 1 piece of Jumper Wire.

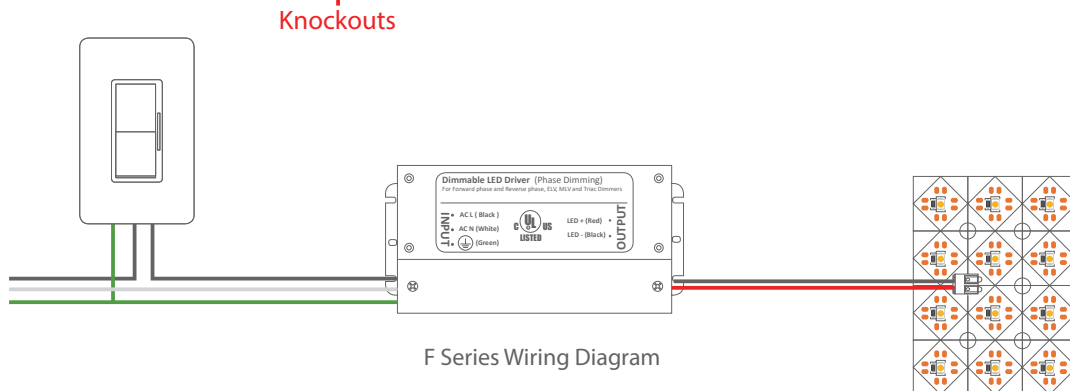
Recommended Transformer (Sold Separately)

LED Dimmable Transformer - Triac

F Series



| Model No. | Output Voltage | Wattage | Dimensions (L x W x H) | Certificates |
|------------|----------------|---------|------------------------|------------------|
| F-30W-24V | 24V | 30W | 6.49x3.72x1.02in | FCC, UL, Class 2 |
| F-60W-24V | 24V | 60W | 7.40x3.72x1.02in | FCC, UL, Class 2 |
| F-96W-24V | 24V | 96W | 8.66x3.72x1.57in | FCC, UL, Class 2 |
| F-150W-24V | 24V | 150W | 10.24x4.13x1.77in | FCC, UL |
| F-200W-24V | 24V | 200W | 10.24x4.13x1.77in | FCC, UL |
| F-300W-24V | 24V | 300W | 10.94x4.33x1.77in | FCC, UL |



*This diagram is for references only. Please see LED Dimmable Transformer F Series Specification for a more accurate diagram.

P Series (Junction Box Sold Separately)

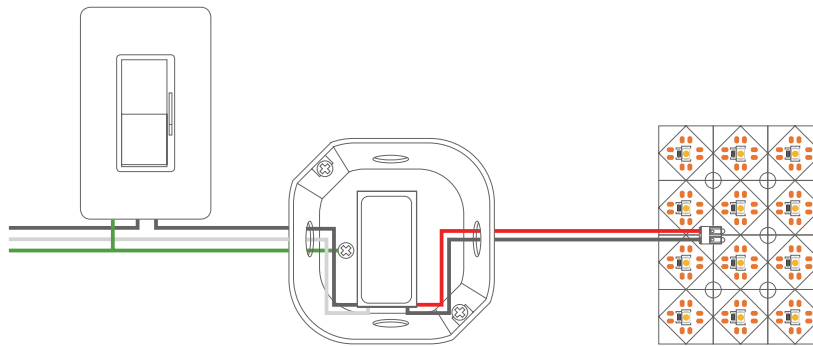


| Model No. | Output Voltage | Wattage | Dimensions (L x W x H) | Certificates |
|------------|----------------|---------|------------------------|-------------------|
| P-25W-24V | 24V | 30W | 6.10x2.10x0.80in | FCC, ETL, Class 2 |
| P-50W-24V | 24V | 60W | 13.80x3.00x1.00in | FCC, ETL, Class 2 |
| P-96W-24V | 24V | 96W | 15.00x3.00x2.20in | FCC, ETL, Class 2 |
| P-150W-24V | 24V | 150W | 10.00x3.10x1.90in | FCC, ETL |
| P-200W-24V | 24V | 200W | 10.00x3.10x1.90in | FCC, ETL |

LED Mini Transformer - ELV



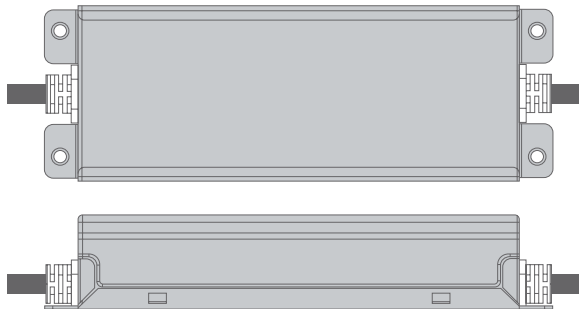
| Model No. | Output Voltage | Wattage | Dimensions (L x W x H) | Certificates |
|----------------|----------------|---------|------------------------|--------------|
| MINI-TA-60-24V | 24V | 60W | 2.70x1.29x0.84in | RU, Class 2 |



Mini Transformer Wiring Diagram (In Junction Box)

*This diagram is for references only. Please see LED Mini Transformer Specification for a more accurate diagram.

LED Non-Dimmable Transformer



| Model No. | Output Voltage | Wattage | Dimensions (L x W x H) | Certificates |
|--------------|----------------|---------|------------------------|-----------------|
| APV-8W-24V | 24V | 8W | 2.30x1.20x0.90in | CE, RU, Class 2 |
| APV-35W-24V | 24V | 35W | 3.30x2.20x1.20in | CE, RU, Class 2 |
| XLG-150W-24V | 24V | 150W | 5.51x2.48x1.26in | CE, RU |
| XLG-200W-24V | 24V | 200W | 7.09x2.48x1.40in | CE, RU |