

## Project Details

Name:

Location:

Specifier:

Date:

Additional Accessories:    Power Input Cable    Bumpers    Power Supplies    Controls    AG Roller    Silicone

## Part Number Specification | Single Color White

Model	Voltage	Color Temperature (check box)
AG1E - Auragami Elements Light Sheet	24 - 24VDC Constant Voltage	27 - 2700K
		30 - 3000K
		35 - 3500K
		40 - 4000K
		50 - 5000K

Example: AG1E-24-50. Customizable options available. See last page for full details.



## Auragami Elements (AG1E)

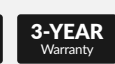
### Economical Flexible Light Sheet

#### Single Color White

**Product Description:** The Auragami Elements Light Sheet delivers essential lighting performance at an unbeatable value – built for flexibility, engineered for reliability, and priced for scale

### Highlights

- Refreshed design based on the original light sheet
- Available in five single color white temperatures
- Measures 9.45 x 18.9 inches - maximizing production tooling and raw materials
- Original XHP plug-n-play connections
- IP65 Rated for wet locations
- Cutable down to a single LED, maintains UL Listing
- Accessories available separately to help eliminate waste and lower costs



## Specifications | *Listed per full (9.45 x 18.9in) light sheet.*

Input Voltage	24VDC Constant Voltage
Power Consumption	11 watts (8.9W/ft <sup>2</sup> )
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K
CRI	Up to 90+
Light Output	1100 lumens
Efficiency	100 lumens per watt
LED Information	<b>Type:</b> SMD-2835 LEDs. <b>Count:</b> 288 LEDs. <b>Beam angle:</b> 120°
Wires	20AWG 2-wire: grey striped wire +, white wire -
Connections	12 XHP 2-pin light sheet terminals, plug-n-play sheet connectors.
Mounting	Adhesive backing and/or mechanical fasteners through precut mounting holes
Operating Temperature	-13° to 131°F
Surface Temperature	<b>LED:</b> 108°F. <b>PCB:</b> 99°F. <b>Resistor:</b> 95°F (Measured at ≥2 hours of operation)
Environment	IP65 - wet or dry locations
Dimensions	9.45 x 18.9in (240 x 480mm) / UL Listed field cuttable
Coverage	1.24ft <sup>2</sup>
Maximum Run	Connect up to 8 full light sheets (88W) / 9.9ft <sup>2</sup> per Class 2 guidelines
Cut / Fold Line Spacing	0.79in (20mm) / every LED. Cut horizontally, vertically, and diagonally
Weight	0.28lbs / 4.52oz / 128g
Rated Life	50,000+ hours
Warranty	3-year warranty (view terms online at <a href="http://evo-lite.com/legal-documents">evo-lite.com/legal-documents</a> , section 19)

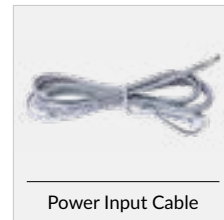
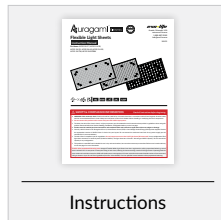
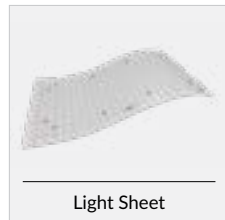
## Power & Controls

Compatible with all control protocols via associated power and control components. Quality tested for low-end light output consistency across all LEDs (100-0% dimming with tight ANSI bin control).

## Class 2 & UL Compliance

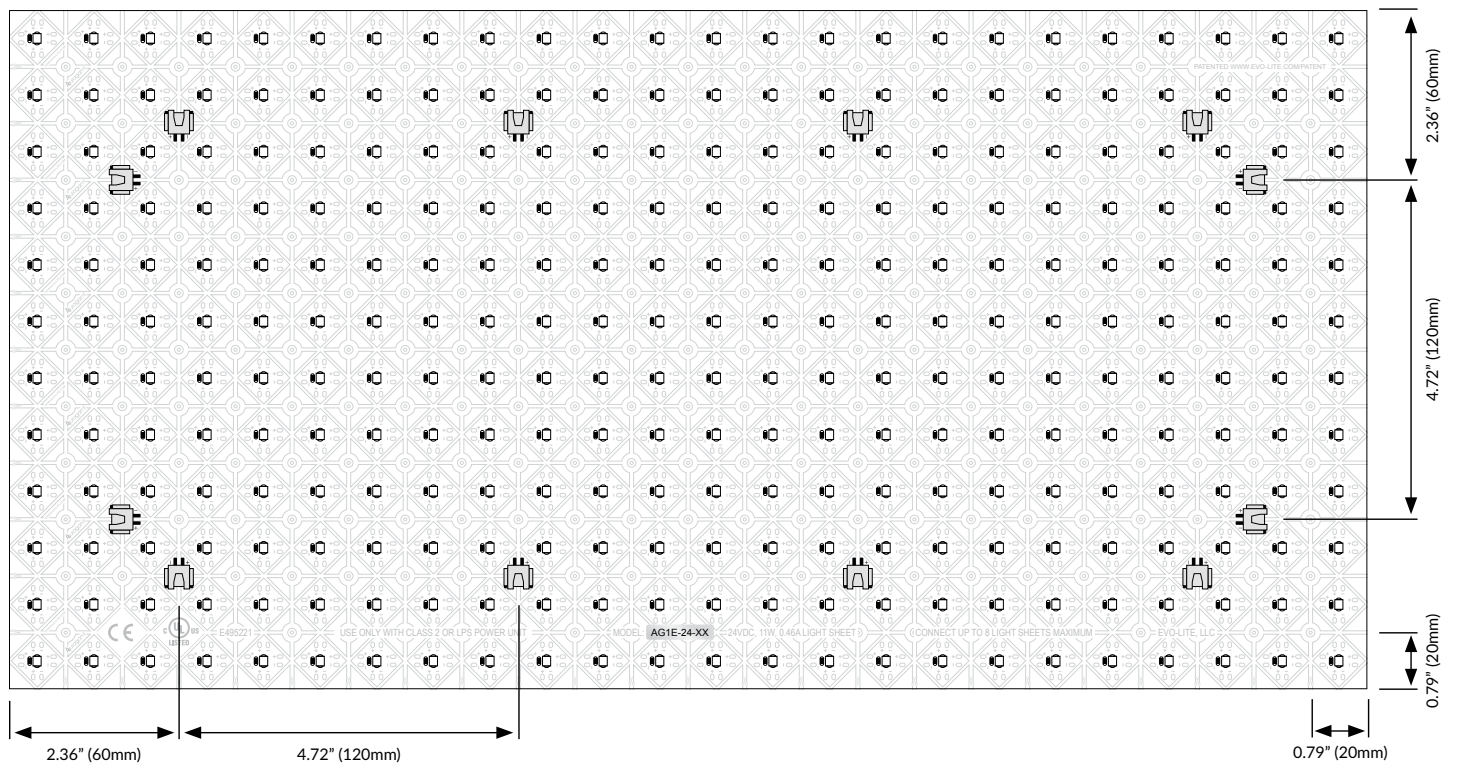
Use Class 2 power supplies with a maximum power output of 96W (per channel/ circuit) to retain UL Class 2 Listing compliance. Best practices include allowing headroom for power supply longevity.

## Included With Each Sheet

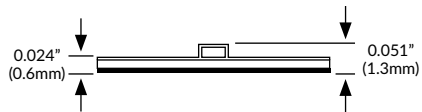


## Complete Your System | *View ordering section*

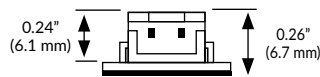
# Technical Drawings



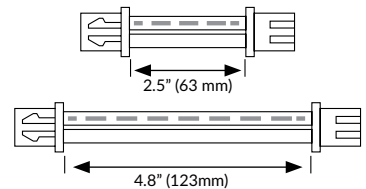
## Light Sheet & LED height



## Sheet Terminal Height

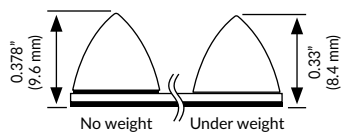


## Sheet Connectors

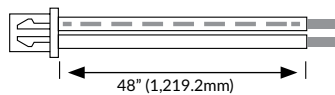


## Accessories | Sold Separately

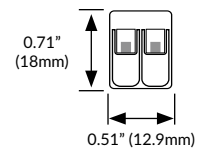
### Light Sheet Bumpers



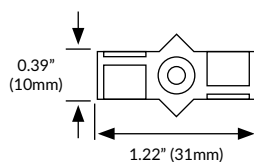
### Power Input Cable



### Wago Connectors

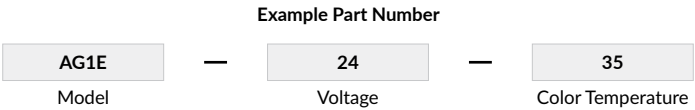


### Cable Management Clips



# Ordering | Single Color White

Model	Voltage	Color Temperature
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## Accessories | Sold Separately

ITEM	PART NUMBER	DESCRIPTION
Single Color Power Input Cable	AG1E-24-SCW-PIC	48" Single Color power input cable with XHP sheet connector and bare wire end
Light Sheet Bumpers	AG-SB-P08	Original Auragami Light Sheet Bumpers (qty 8)
Cable Management Clips	AG-CMC-P04	Manage and route cables so that they do not block any LEDs (qty 4)
Wago Splicing Connector	221-412	Same polarity splicing connector
Short Sheet To Sheet Connectors	AG1E-24-SCW-SCP	Single Color Short Sheet To Sheet Connector Pack (qty 4)
Long Sheet To Sheet Connectors	AG1E-24-SCW-LCP	Single Color Long Sheet To Sheet Connector Pack (qty 4)
Auragami Installation Roller	AG-RLR-EVO	Auragami foam roller assists in light sheet mounting. Safely mount light sheets without damaging terminals or LEDs
Electronic Grade Silicone	ASI-388CL-EVO	Acid-free electronic grade silicone may be used to supplement cut edges and connection terminals

## Suggested Power Options | Sold Separately

ITEM	PART NUMBER	DESCRIPTION
24V, 5-IN-1 Dimmable LED Driver (1 circuit of 96W)	PS-5N1-1C2496-EVO	24VDC 5-IN-1 Dimmable LED Driver. Compatible with most control protocols: Triac / Phase, 0-10V, 1-10V, Potentiometer, and 10V PWM. 1 circuit of 96W.
24V, 5-IN-1 Dimmable LED Driver (2 circuits of 96W each)	PS-5N1-2C24192-EVO	24VDC 5-IN-1 Dimmable LED Driver. Compatible with most control protocols: Triac / Phase, 0-10V, 1-10V, Potentiometer, and 10V PWM. 2 circuits of 96W each.
24V, 5-IN-1 Dimmable LED Driver (4 circuits of 96W each)	PS-5N1-4C24384-EVO	24VDC 5-IN-1 Dimmable LED Driver. Compatible with most control protocols: Triac / Phase, 0-10V, 1-10V, Potentiometer, and 10V PWM. 4 circuits of 96W each.

## Suggested Control Options | Sold Separately

We stock and offer the most popular lighting control types and brands. Auragami is compatible with all control types via associated control components.

## Auragami Customization Options

All Auragami customizations maintain the UL Listing. Minimum order may apply.

- Voltage
  - Power/efficiency/brightness
  - Specific color temperatures
  - IP Ratings
- Custom sizes/shapes
  - LED pitch and placement
  - PCB material type, pre-cut sheets
  - Pre-mounted to quick install substrates

## Custom Power Option Examples

Power (W/ft²)	Light Output (lm/ft²)	Total Sheet Lumens (1.24ft²)
8.9	887	1,100
6.67	665	825
4.45	443.5	550
2.23	221.75	275

Visit us online at [evo-lite.com](http://evo-lite.com) to explore additional light sheet options!