

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
- Cuttable 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 ²)
Color Temperature	2700K, 3000K, 3500K, 4000K, 5000K
CRI	Up to 90+
Light Output	1100 lumens
Efficiency	100 lumens per watt
LED Information	Type: SMD-2835 LEDs. Count: 288 LEDs. Beam angle: 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	LED: 108°F. PCB: 99°F. Resistor: 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 ²
Maximum Run	Connect up to 8 full light sheets (88W) / 9.9ft ² 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 evo-lite.com/legal-documents , 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.

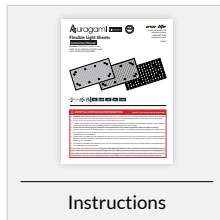
Included With Each Sheet



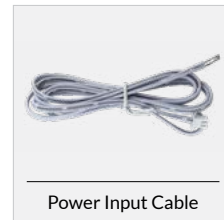
Light Sheet



Sheet Connectors



Instructions



Power Input Cable



Bumper Pack



24VDC Power Supply



Lighting Control



Auragami Roller



Non-conductive Silicone

Complete Your System | [View ordering section](#)

Technical drawing of the AG1E-24-XX light sheet, showing a grid of 24x24 units. The drawing includes dimensions for the overall size and the spacing between units.

Overall dimensions:

- Width: 4.72' (120mm)
- Height: 4.72' (120mm)

Spacing dimensions:

- Horizontal spacing: 2.36" (60mm)
- Vertical spacing: 2.36" (60mm)
- Bottom right corner spacing: 0.79" (20mm)

Additional information:

- Model: AG1E-24-XX
- Power: 24VDC, 11W, 0.46A
- Light sheet: (CONNECT UP TO 8 LIGHT SHEETS MAXIMUM)
- Manufacturer: EVO-LITE LLC
- CE mark and ENEC mark are present.

A diagram showing a cable with a connector on the left end. The cable has a length dimension of 48" (1,219.2mm) indicated by a double-headed arrow below it.

Ordering | Single Color White

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Example Part Number



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)
Quad Bumpers	AG2-075-047-QSB-P08	(8) Light Sheet Quad Bumpers for single color and tunable white light sheets.
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/ft ²)	Light Output (Lm/ft ²)	Total Sheet Lumens (1.24ft ²)
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 to explore additional light sheet options!