

Project Details

Name:

Location:

Specifier:

Date:

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

Part Number Specification | RGBW (5000K)

Model	Voltage	Color Temperature (check box)
AG1E - Auragami Elements Light Sheet	24 - 24VDC Constant Voltage	RGBW - RGB+ 5000K white

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



Auragami Elements (AG1E)

Economical Flexible Light Sheet

RGBW (5000K)

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
- RGBW offers billions of saturated colors with dedicated 5000K white LEDs for everyday use
- 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 group, maintains UL Listing
- Accessories available separately to help eliminate waste and lower project costs



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

Input Voltage	24VDC Constant Voltage
Power Consumption	11 watts (8.9W/ft²)
Color Temperature	RGBW (5000K)
CRI	Up to 90+ (5000K only)
Light Output	660 lumens
Efficiency	60 lumens per watt
LED Information	Type: SMD-2835 LEDs. Count: 512 LEDs (128 Red, 128 Green, 128 Blue, 128 White). Beam angle: 120°
Wires	20AWG sheathed 5-wire: black wire +, red wire -, green wire -, blue wire -, white wire -
Connections	12 XHP 5-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	1.24ft²
Maximum Run	Connect up to 8 full light sheets (88W) / covers up to 9.9ft² per Class 2 guidelines
Cut / Fold Line Spacing	1.18in (30mm) / every LED group. Cut horizontally, vertically, and diagonally
Weight	0.31lbs / 5oz / 142g
Rated Life	50,000+ hours
Warranty	3-year warranty (view terms online at evo-lite.com/legal-documents , section 19)

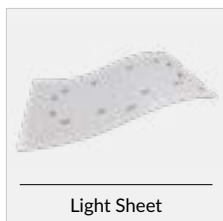
Power & Controls

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.

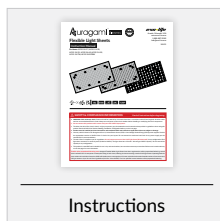
Included With Each Sheet



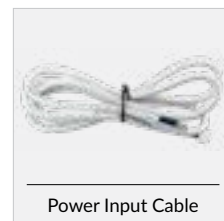
Light Sheet



Sheet Connectors



Instructions



Power Input Cable



Bumper Pack



24VDC Power Supply



Lighting Control



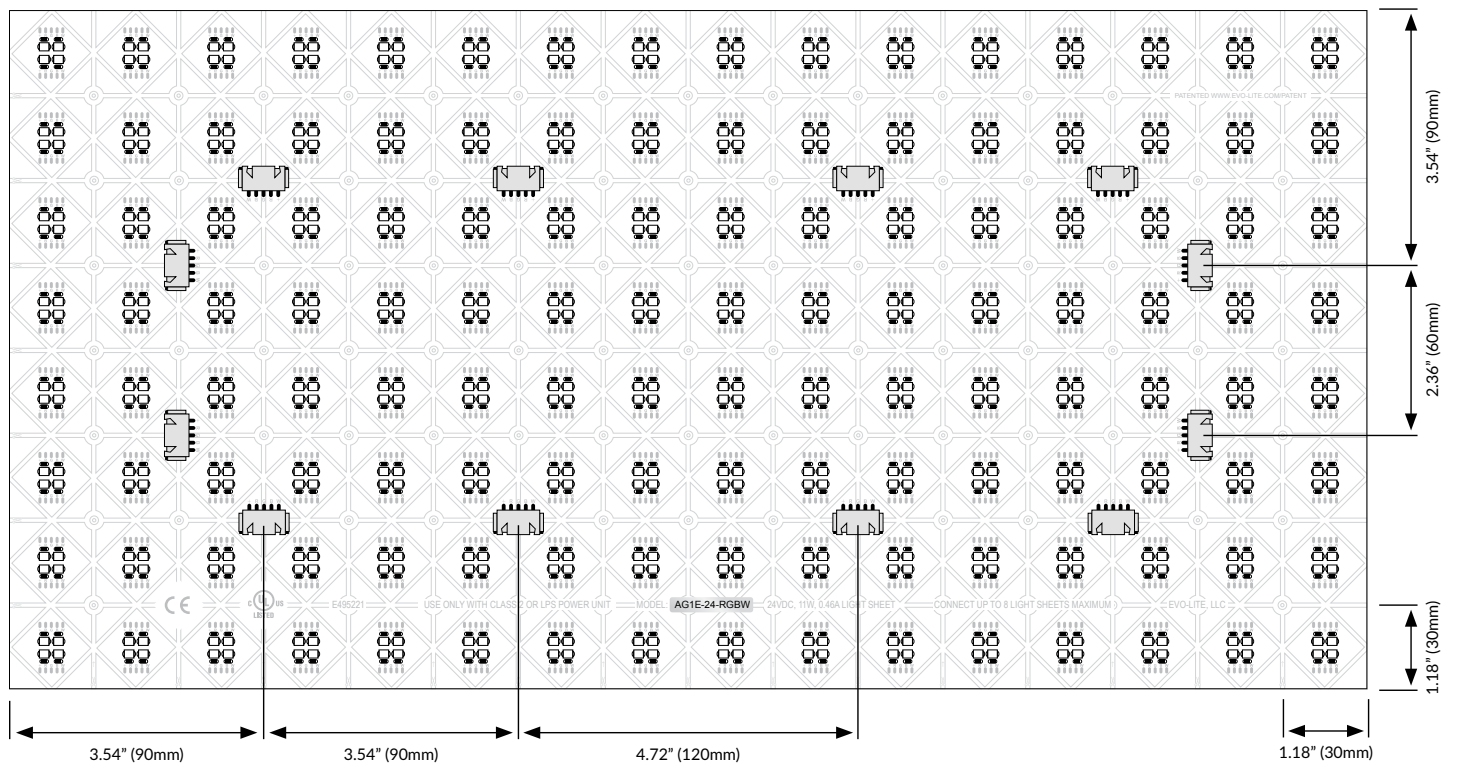
Auragami Roller



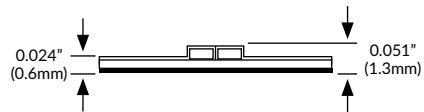
Non-conductive Silicone

Complete Your System | *View ordering section*

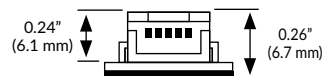
Technical Drawings



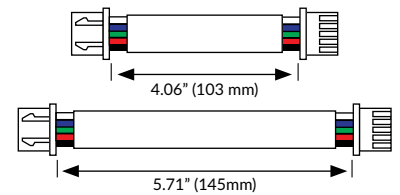
Light Sheet & LED height



Sheet Terminal Height

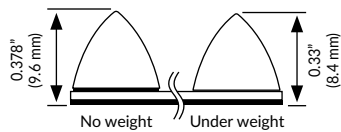


Sheet Connectors

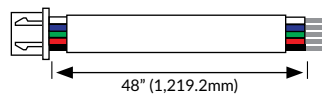


Accessories | Sold Separately

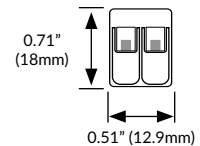
Light Sheet Bumpers



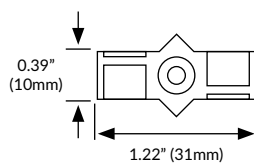
Power Input Cable



Wago Connectors



Cable Management Clips



Ordering | RGBW (5000K)

Model	Voltage	Color Temperature
AG1E - Auragami Elements Light Sheet	24 - 24VDC Constant Voltage	RGBW - RGB + 5000K white

Example Part Number



Accessories | Sold Separately

ITEM	PART NUMBER	DESCRIPTION
RGBW Power Input Cable	AG1E-24-RGBW-PIC	48" RGBW power input cable with XHP sheet connector and bare wire end (qty 1)
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-RGBW-SCP	RGBW Short Sheet To Sheet Connector Pack (qty 4)
Long Sheet To Sheet Connectors	AG1E-24-RGBW-LCP	RGBW 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) (5000K)	Total Sheet Lumens (1.24ft ²) (5000K)
8.9	532.3	660
6.67	399.2	495
4.45	266	330
2.23	133	165



Visit us online at evo-lite.com to explore additional light sheet options!

