



**Auragami**<sup>®</sup> Elements

Product Line Overview





# Accessible Light Sheets


Auragami Elements (AG1E) is the newest addition to Evo-Lite’s award-winning backlighting family—engineered specifically for lighting professionals navigating today’s cost-conscious market. This line delivers the essential performance and dependability you expect from Auragami, at a price point designed for tighter budgets and broader project demands.

Whether you’re managing value-driven commercial builds or scaling up production across multiple installs, Elements provides the reliable, flexible illumination Auragami is known for—at a price point that meets today’s economic pressures.


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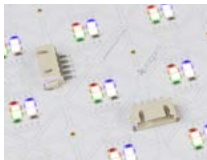
## The Auragami Elements Product Line



**Single Color White**  
2700K, 3000K, 3500K, 4000K, 5000K



**Tunable White**  
Extended-range 1800–6500K



**RGBW (5000K)**  
Billions of colors + dedicated white









## No-frills Design

Advances in machine tooling and efficiencies in production have helped to lower costs without sacrificing quality.

## Full-spectrum Product Line

Choose from 2700K, 3000K, 3500K, 4000K, 5000K, Tunable White 1800-6500K, or RGBW (5000K)

## Category-leading shaping

Auragami Elements offers cutting around every LED / LED group and can be cut horizontally, diagonally, and vertically.

## Standard Plug-in Connectors

Simple XHP plug-in connectors make sheet / power connections quick and easy.

## Balanced Power & Efficiency

Light sheets produce up to 1100 lumens while consuming just 11 watts. Cover almost 9.9ft<sup>2</sup> per Class 2 circuit.

## Standard Bumpers

Auragami Elements utilizes the standard light sheet bumpers, which support up to 400lbs each.

## Double Cut-line path

The double cut line paths make getting the perfect cut incredibly easy. Simply stay between the lines with a clean, straight cut for reliable results.

## Fast Installations

High-bonding adhesive backing, pre-drilled mounting holes, and custom field-cutting help speed up installs, even when dealing with complex shapes.

## Advanced UL Listing & Customization

This flexible light sheet maintains its unique UL Listing, even after being cut. Sheets can also be customized at the factory with no need for UL recertification.

## Long Lifespan

50,000 hour rated lifespan delivers great illumination over many years (17+ years when used 8 hours a day).

## Close Proximity Backlighting

Tight LED layout diffuses more easily and can result in slimmer builds (depending on materials used).

## Full Customization

Make UL Listed, factory-made customizations such as color, voltage, CRI, brightness, efficiency, size, shape, and pre-mounted layouts.



## Other Highlights

- Light sheets measure 9.45 x 18.9"
- 3-year warranty
- 100 lumens per watt
- UL Listed, UKCA, CE Compliant, and RoHS Compliant
- Cover up to 9.9ft<sup>2</sup> per 24VDC Class 2 Circuit
- Accessories available as needed
- 90+ CRI for great color rendering



## What's New with Auragami Elements?

Auragami Elements (AG1E) retains many characteristics of the original Auragami Legacy Light Sheet (AG1), but introduces a few thoughtful updates. These enhancements position it competitively in today's challenging lighting market.

### Changes in manufacturing and design

In order to create the Elements Light Sheet, we needed to unlock efficiencies in product design and manufacturing. For example, the light sheet size of 9.45" x 18.9" maximizes material use within the machinery - reducing waste and material costs.

While Auragami Elements doesn't quite match the performance of our flagship Gen 2 light sheet, it remains a highly capable solution for the vast majority of applications. Element's streamlined design includes standard XHP connectors, updated LEDs, and a re-engineered PCB.

### Still ahead of the competition

Despite the optimized design, Elements arrives well above most other light sheets in the market. Every Auragami Elements Light Sheet can be cut horizontally, diagonally, and vertically. It can be cut down to a single LED / LED group – offering the best shaping ability and fit in the category. To make it even easier, AG1E inherits AG2's double cut line path.

Elements can produce up to 1100 lumens per sheet, producing incredible brightness while using just 11 watts. This energy-efficient design helps keep operating costs low and promotes sustainability.

## Effortless Installation. Exceptional Results.

Auragami Elements continues the Auragami legacy of being easy to work with and quick to install. As we just mentioned, Auragami Elements offers UL-Listed field cutting that leaves the competition in the dust. Being able to cut down to a single LED / LED group allows installers to fit odd shapes and tight curves with ease.



AG1E's pre-drilled mounting holes and plug-n-play connections make a huge time-saving difference on those larger installs. The pre-drilled mounting holes eliminate errors when inserting screws and also help to maintain the integrity of the light sheet's PCB.

Simple plug-n-play sheet connectors allow one to quickly connect adjacent and offset sheets in just seconds. When you're ready to add power, simply insert the Power Input Cable (sold separately) into the sheet and wire the remaining end to your power source or control component.

Our high-bonding 3M backing is an excellent feature that helps sheets stay in place during the install and over time. We still recommend using mechanical fasteners in every installation as this guarantees that the sheets do not move during placement of the forward-facing material or over the many years of operation.

## Auragami Elements Ordering

Auragami Elements is available in single sheets, packs of 4, and master cartons of 40 sheets. One notable difference from previous generations is that each Elements Light Sheet comes with 2 short connectors and 1 long connector. The Power Input Cable and other accessories are all offered separately. This a-la-carte approach helps reduce waste and lower costs – ensuring you only pay for the components you need.

## Auragami Elements Light Sheet Options

Model	Voltage	Color Temperature
AG1E - Auragami Elements Light Sheet	24 - 24VDC Constant Voltage	27 - 2700K
		30 - 3000K
		35 - 3500K
		40 - 4000K
		50 - 5000K
		TW - 1800-6500K extended range tunable white
		RGBW - Billions of colors + 5000K white

### Example Part Number

AG1E	—	24	—	35
Model		Voltage		Color Temperature

## Product Line Accessories | Sold Separately

ITEM	PART NUMBER	DESCRIPTION
Power Input Cable	AG1E-24-SCW-PIC AG1E-24-TW-PIC AG1E-24-RGBW-PIC	48" power input cable with XHP sheet connector and bare wire end.
Short Sheet To Sheet Connectors	AG1E-24-SCW-SCP AG1E-24-TW-SCP AG1E-24-RGBW-SCP	Plug-n-play Short Sheet To Sheet Connector Pack (qty 4). Connect adjacent light sheets.
Long Sheet To Sheet Connectors	AG1E-24-SCW-LCP AG1E-24-TW-LCP AG1E-24-RGBW-LCP	Plug-n-play Long Sheet To Sheet Connector Pack (qty 4). Connect offset sheets or span gaps.
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.
Auragami Installation Roller	AG-RLR-EVO	Auragami foam roller assists in light sheet mounting by ensuring the best possible adhesion. Safely stick light sheets to surface 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.

## Get a Sample | Sold Separately

Full Light Sheet Samples are available at standard pricing. Certain strategic partners may qualify for complimentary samples.

## Complete Your System | Sold Separately

Your Auragami Elements Light Sheet system will require **24VDC power supplies** and **lighting control(s)**. We carry a variety of great power supplies and controls – including wireless, smart device enabled, and traditional switches. Ask us about your options.

## 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 <sup>2</sup> )	Light Output (Lm/ft <sup>2</sup> )	Total Sheet Lumens (1.24ft <sup>2</sup> )
8.9	887	1,100
6.67	665	825
4.45	443.5	550
2.23	221.75	275