



Auragami[®]

PRODUCT OVERVIEW

BACKLIGHTING // LED SHEETS // AURAGAMI



evo-lite[®]
ADVANCED LUMINOUS SOLUTIONS

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KEY FEATURES & ADVANTAGES

A Sapphire Awards finalist and an IES Progress Report 2019 selection, Auragami is recognized as one of the industry's best flexible LED light sheets.

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FAST & EASY INSTALLATIONS

Cut Auragami to size right at the job site. Connect up to eight light sheets with the included plug & play sheet-to-sheet connection wires.

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ALWAYS UP TO CODE

Auragami is UL Listed even when cut! Cover 10 square feet with eight connected light sheets and maintain NEC Class 2 guidelines.

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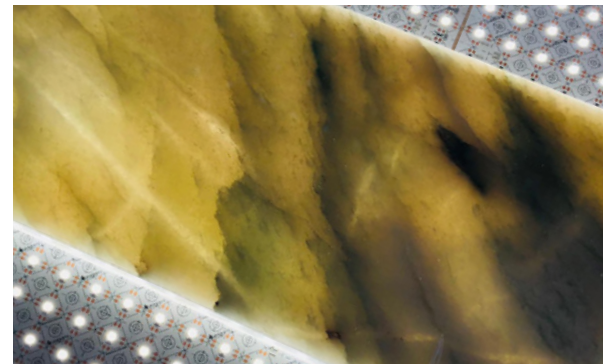
WHY AURAGAMI?

The Auragami Light Sheet is the culmination of over 160 years of combined lighting industry experience. Evo-Lite's expertise and high standard for quality are demonstrated by ZERO reported failures in the 20,000+ Auragami sheets sold in 2019.

A favorite for commercial and residential applications, Auragami is the ideal solution for lighting architectural features, accents, and embellishments. It is also a popular product for backlighting counter-tops, bar tops, curved surfaces, low-clearance applications, and in situations where final measurements are unknown or may potentially change. Flexible and field-customizable, Auragami will provide uniform illumination with as little as 3/8" of separation between the translucent material and light sheet.

AURAGAMI IS THE PERFECT SOLUTION WHEN:

- Final dimensions are unknown or likely to change
- Folding and/or cutting would save time during installation
- Adjacent surfaces need to be backlit
- A variety of custom sizes and shapes are required to light the area
- Fast delivery is required (in-stock availability!)





FLEXIBLE LED LIGHT SHEET

ITEM #: AG1-24 SERIES

WORLD'S FIRST

Fully customizable flexible LED light sheet that maintains its UL Listing even after being cut

FLEXIBLE COLOR OPTIONS

2700K, 3000K, 3500K, 4000K, 5300K, Tunable White 2700K-6500K, and RGBW

INDUSTRY'S TIGHTEST PITCH

330-664 LEDs per square foot and less than .03 watts per LED

ULTRA-BRIGHT

Industry's highest lumen output with up to 866 lumens per square foot

ACCURATE COLOR RENDERING

Consistent CRI of over 95+

CLOSE PROXIMITY BACKLIGHTING

Evenly backlight certain materials with as little as 3/8" (9.5 mm) of clearance

CUT, FOLD, & CONNECT

Cut single LEDs or groups while maintaining illumination of all other LEDs

EASY INSTALLATION

Install backlighting without shop drawings of factory-built custom shapes

PLUG & PLAY

Easily interconnect with sheet-to-sheet connection wires

CUSTOMIZABLE

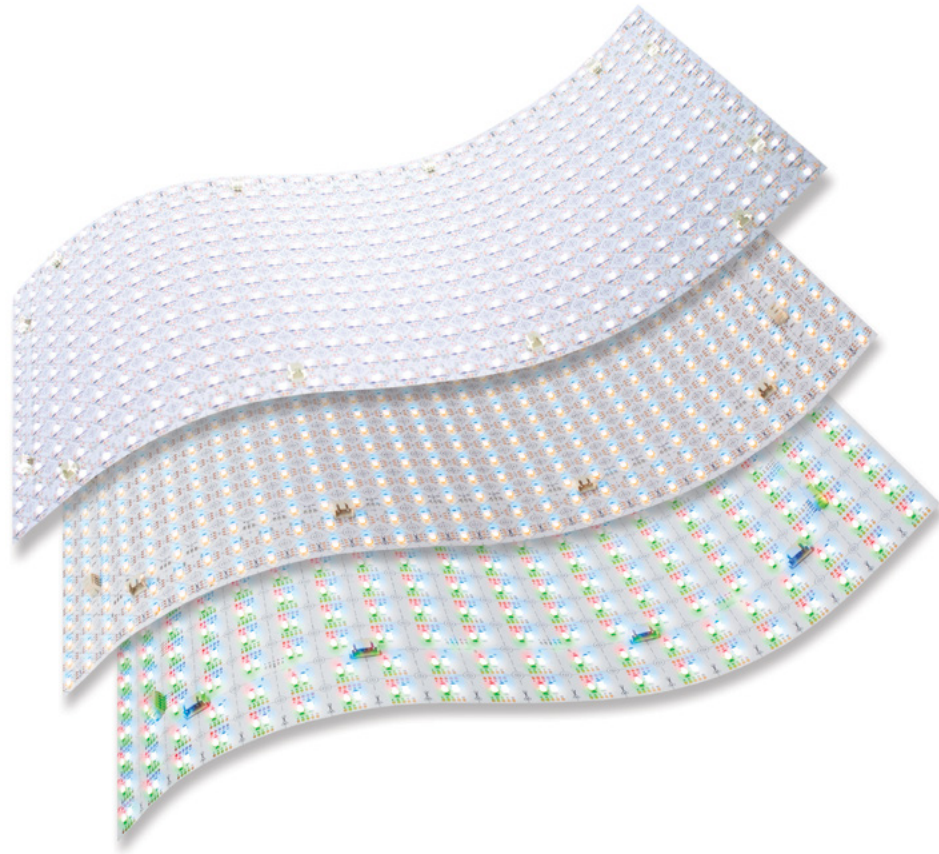
Customize CCT, voltage, size, shape, LED pitch, connectors, lensing, and more while maintaining UL Listing

LONG LIFESPAN

Long LED lifespan (50,000+ hours) with no need for a heat sink due to low operating temperature

WARRANTY

Advanced 5-year warranty



FLEXIBLE & THIN BACKLIGHTING TECHNOLOGIES

Lightweight and bendable, Auragami LED Light Sheets offer the ultimate in design versatility for backlighting translucent materials. Auragami is a super-thin and flexible LED light sheet that has a tight array of LEDs mounted on the surface.

CREATE AESTHETICALLY STUNNING DESIGNS

Auragami LED Light Sheets support near to flush mounting (3/8" of clearance), which makes it an ideal solution for backlighting translucent mediums. Popular backlit applications include:

- Stone countertops, bars and barbacks
- Edges, corners, curved surfaces, and curvilinear shapes
- Accent lighting, walls, and flooring
- Custom fixtures, cabinetry, and millwork
- Feature walls, retail storefronts, and fixtures
- Fireplace surrounds
- Membrane and fabric ceilings and walls
- Custom lighting fixtures
- Corporate lobbies, interiors, and elevator cabs
- Signs, displays, and logos
- Architectural embellishments



THE PERFECT BALANCE OF BRIGHTNESS & SCALABILITY

Auragami has quickly become one of the lighting industry's highest performing light sheets. Lumen efficiency, brightness, and LED pitch are smartly balanced in a way that produces uniform surface illumination regardless of the size of your Auragami lighting system. No matter how large or small your lighting system is, Auragami will always deliver the same flawless performance.

With an impressive 1100 lumens per sheet, Auragami possesses the power and finesse to backlight even the densest semi-translucent materials. Additionally, the tight LED pitch minimizes the distance required between the light sheet and material to accomplish hot spot free diffusion.



TIGHTEST CUTTABLE CONFIGURATION OF ANY LIGHT SHEET

The 100% resilient circuitry power distribution grid means you may remove a single LED or LED group without affecting the illumination of the rest of the light sheet. This makes it easier to cut around unforeseen obstacles that are often discovered in the field. When lit up, the light sheet will create completely even illumination.

SUPERIOR LUMINOUS CAPABILITIES

Each light sheet emits up to 1100 lumens, covers 1.27 square feet (1182 square centimeters), and consumes only 11 watts. The modifiable sheets are rated for 50,000 hours and may be controlled using 120V, 0-10 V, Dali, TRIAC, DMX, forward phase dimming, or secondary dimming controls.

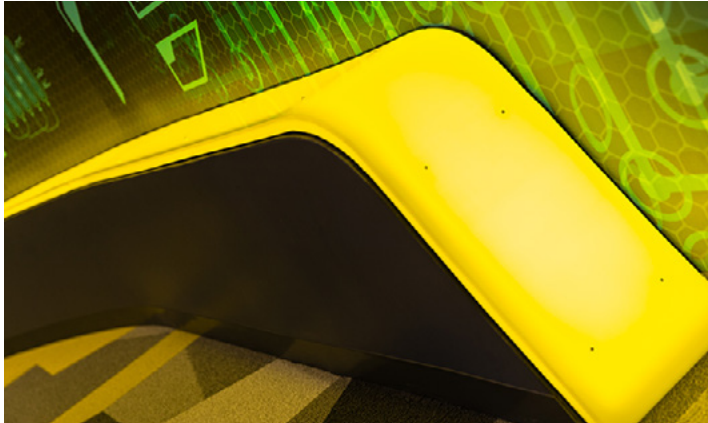
The high LED density (330 LEDs per square foot) eliminates hot spots and dotting, allowing for a completely even curtain of light. Auragami Light Sheets have an impressive efficacy up to 100 lumens per watt (SCW, TW).



COMPLETE ADAPTABILITY & CONTROL

Easily create eye-catching, uniform backlighting effects for translucent surfaces with multiple planes. Foldable and bendable to tight radiuses, Auragami LED Light Sheets can be used to light up edges and curvilinear shapes. The specially designed Flexible Circuit Board (FCB) can gracefully bend along both axes and diagonally.

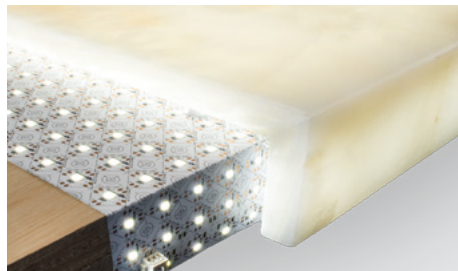
The sheets are engineered (and can be further customized) to run at a lower wattage, extending the life of your light sheet while still maintaining high-lumen output. Additionally, the flexible light sheets have a conformal coating that protects the LEDs from moisture, allowing them to be used in damp and wet locations.





CUT

Easily cut Auragami at the job site to perfectly fit your application.



FOLD

Fold vertically, horizontally, or diagonally to seamlessly light multiple planes.



CONNECT

Conveniently spaced wire terminals allow for flexible power connections.

FAST & EASY INSTALLATIONS

Auragami LED Light Sheets offer the most customizable and precise configuration options of all light sheets available in the market today. The field-friendly cutting of the LED light sheets allows users to cut vertically, horizontally, and diagonally.

PLUG & PLAY

Easily connect up to eight LED light sheets using the included sheet-to-sheet connectors. These connectors follow Class 2 guidelines while meeting UL requirements. Included domed protective bumpers are specifically engineered and tested to support up to 400 pounds per bumper.

For simple mounting, the sheets feature industrial 3M adhesive on the back. Simply peel and stick directly against drywall, plywood, metal, or any other suitable mounting substrate. You may also puncture the light sheets where marked using screws, nails or even push-pins to secure the sheets in place without affecting illumination. Mechanical fastening is recommended in addition to the adhesive back.

ALWAYS UP TO CODE

The Auragami UL Listing covers all customizable options, cutting, colors, and connectivity. This provides extensive design flexibility and customization without having to be recertified for UL - saving you months in development.

Auragami offers the perfect balance of brightness and scalability optimized for the backlighting of translucent materials. Auragami will adhere to NEC Class 2 guidelines when covering 10 square feet with up to 8 sheets interconnected.



OUT OF THE BOX CONSISTENT QUALITY

Due to stringent pre and post-production quality assurance procedures, all LEDs on the light sheet react equally to low current input. This eliminates stray LEDs that could remain brighter than others when dimmed to very low levels and ensures uniform 100% to off light control.



NEOTERIC SOLUTIONS

If you're interested in advanced and streamlined installation options, Evo-Lite can provide custom prefabricated panel systems. Auragami can be pre-cut, pre-mounted, and ready to install. This value-added service ensures the job will get done right while minimizing the time needed to complete your project.



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