

SUSTAINABLE PRODUCT DESIGN

Auragami is an award-winning flexible LED light sheet that offers powerful features and energy efficiency. We engineered the light sheet with a variety of sustainable concepts that help reduce waste and limit energy consumption.

Each Auragami light sheet uses just 11 watts to produce up to 1100 lumens (100 lumens/watt efficiency). While we could have increased the brightness and wattage for a more powerful lighting product, we realized during our research and development phase that it would be excessive. Auragami's balanced performance takes full advantage of the 24V Class 2 Circuit – providing up to an admirable 10 sq. ft. of coverage. This allows Auragami to cover larger areas using less energy.

Auragami's design helps eliminate waste in several key ways. The first way is its rated life of 50,000 hours. This long lifespan will last over 17 years when using it for 8 hours a day. In addition to the rated life, we've also made the product extremely robust with an IP65 polymeric conformal coating. This keeps the light sheet in good condition in a variety of challenging environments, such as dusty, damp, and wet locations. Auragami's rated life and sheet durability eliminate the waste caused by product failures and replacements.

Auragami's packaging also helps factor into reducing waste. We eliminated redundant components included with each light sheet so that customers receive only what they need. Supplementary components were then made available separately for the unique applications that called for them.



The next waste-reducing feature of Auragami is inherent in the product's design. Each light sheet is field-cuttable and will maintain its UL Listing after being cut. No matter how Auragami is shaped, its unique power distribution grid ensures that every LED will function. When cut to fit an application, the light sheet remnants are still usable for the next section of the project. This allows the installer to use 100% of the light sheet, eliminating substantial waste.