

PRODUCT PORTFOLIO OVERVIEW



Luminous Ceilings

Luminous ceilings bringing the feeling of the outdoors to interior spaces that include general lighting, supplemental lighting, stretch ceiling materials, and installation

Products:

- **SkySpan** (Flush Mount, Suspended, Surface Mount)
- **SkyLine** (Suspended Surface Mount)
- **Directional Lighting** (complementary accent lighting)



Acoustic Luminaires

Large-scale luminaires that combine the value of immersive illumination and exceptional acoustic performance in out-of-the-box formats familiar to any customer, designer, or installer

Products:

- **FABRILum** (Standard sizes and options)
- **Bespoke** (Non-standard sizes, additional options)



Lighting Systems

Complete illumination systems that provide superior quality backlighting for virtually any large area luminous surface incorporating materials such as glass, polymers, and translucent stone

Products:

- **TILE family** (Interior, Tunable White, Exterior, W+RGB)

Immersive Illumination: 3 Approaches



Acoustic Luminaires

Installed by Others



SkySpan

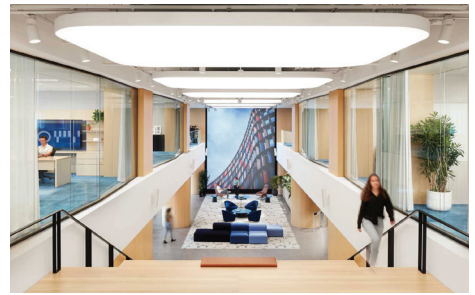
Installed by Cooledge



SkyLine

Installed by Cooledge

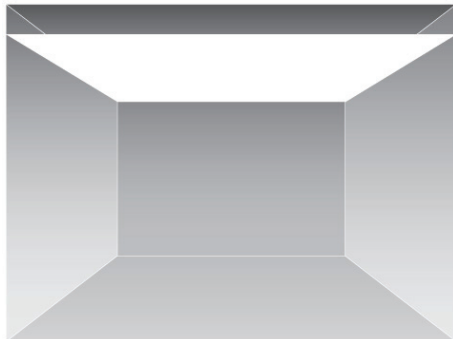
SkySpan



Cooledge SkySpan systems are complete luminous ceiling solutions:

- **LED Lighting Systems:** superior color rendering available in many light output options and a wide range of CCTs plus tunable white and “W+RGB”
- **Fabric Diffusion:** full photometric characterization including IES files and Light Quality metrics
- **Mechanical:** mounting options for any ceiling and allows for penetrations such as sprinklers
- **Acoustic Performance:** the scale of SkySpan products automatically ensures exceptional sound absorption
- **Custom Graphics:** add unique graphic elements on a large scale
- **Installation:** a full network of specialty ceiling installers in North America and selected global regions

Versatile Mounting Capability



Flush Mount



Surface Mount



Suspended

Superior Quality Illumination in Your Ceiling

The Right Amount of Light:

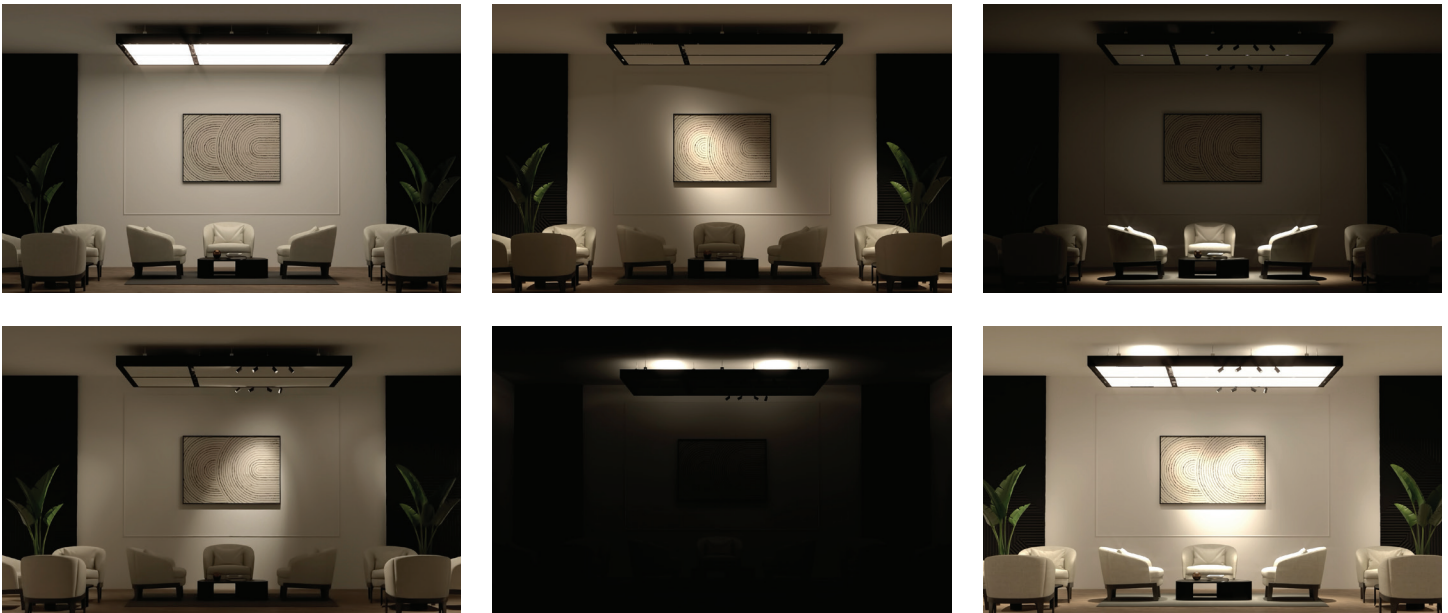
- Extra High Flux (XHF)
- High Flux (HF)
- Medium High Flux (MHF)
- Medium Flux (MF)
- Low Medium Flux (LMF)
- Low Flux (LF)
- Eco Power (ECO)
- Build-To-Order (BTO)

The Color You Need:

- 6 Static CCTs
- 2 Tunable White options:
2700K-5700K & 2200K-3500K
- Dim-To-Warm: 3500K-2200K
- W+RGB

CCT	CRI	R9
2200K	93	55
2700K	94	64
3000K	94	64
3500K	94	67
4000K	94	73
5700K	94	83
Tunable White (50/50)	96	86

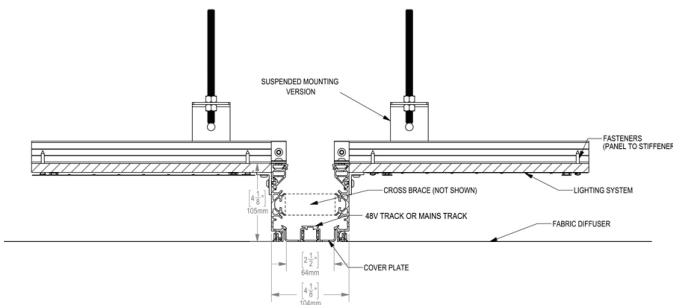
SkyLine



Cooledge SkyLine systems are fully integrated ceiling solutions:

- Designed to provide immersive illumination in combination with integrated accent lighting, track lighting uplighting, and a variety of non-lighting services found in ceilings

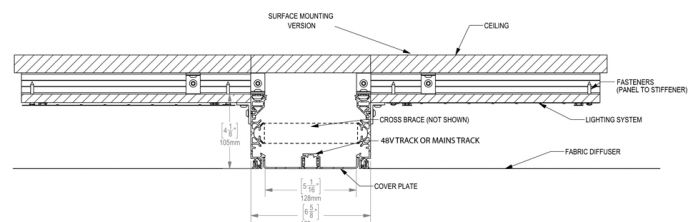
2 Sizes for Track & More (available in Suspended or Surface Mount)



OTC-N: Universal Track (Suspended shown)

The SkyLine OTC-N profile has a narrow width to reduce the optical impact while enabling:

- Industry standard 48VDC track for spot/flood, graze, and linear elements
- Industry standard line voltage track to increase the variety of options
- Cooledge's new Furtivo motionless adjustable recessed luminaire to enable a perfectly planar aesthetic
- Customizable tool-less cover plates with pre-cut openings to for recessed downlights, other small luminaires, or smaller non-lighting accessories



OTC-W: Universal Track (Surface Mount shown)

The SkyLine OTC-W is a wider profile intended to enable recessed lighting and non-lighting elements commonly found in ceilings:

- Customizable tool-less cover plates with pre-cut openings for recessed downlights, other luminaires, or smaller non-lighting accessories
- Tool-less cover plates with pre-cut openings for standard sized sprinkler escutcheons
- Ability to accommodate sensors, speakers, security cameras, and other services

FABRILum



Cooledge FABRILum luminaires combine superior light quality with acoustic performance

- **Immersive Illumination using Standard Products:** Revolutionary luminaires but standardized for simple specification and installation
- **Superior Acoustic Performance:** Able to match (and hence replace) passive acoustic products in noise reduction capability for open ceiling spaces
- **Removable Fabric:** Addresses market demand for maintenance
- **Able to Meet Stringent Energy Codes:** Optimized efficacy to ensure use as a general lighting in areas where energy codes are becoming restrictive
- **Cost Optimized to Enable Competitive Pricing:** All models are assembled from common parts to lower labor and materials costs

A Wide Selection of Sizes & Shapes (Rectangles, Circle, Bullnoses)

Nominal Size	Suspended	Surface Mount	Recessed	Grid (T-Bar)
RSB (4' x 4' / 1200mm x 1200mm)	✓	✓	✓	✓
RS (4' x 4' / 1200mm x 1200mm)	✓	✓	✓	✓
RM (4' x 6' / 1200mm x 1800mm)	✓	✓	✓	
RL (4' x 8' / 1200mm x 2400mm)	✓	✓		
RXL (6' x 6' / 1800mm x 1800mm)	✓	✓		
RXXL (6' x 8' / 1800mm x 2400mm)	✓	✓		
CS (4' / 1200mm diameter)	✓	✓		
BNM (4' x 8' / 1200mm x 2400mm)	✓	✓		
BNL (4' x 10' / 1200mm x 3000mm)	✓	✓		

Immersive Illumination

Light Output Designed for General Illumination:

- High Flux (HF)
- Standard Flux (SF)

Standard Color Temps:

- 3 Static CCTs
- Tunable White

CCT	CRI	R9
3000K	94	67
3500K	94	67
4000K	94	70
Tunable White (50/50)	96	84

Acoustic Performance

Mounting Type	NRC
Suspended	0.90-1.00
Surface Mount	0.60
Recessed/Grid	0.65

Bespoke Luminaires



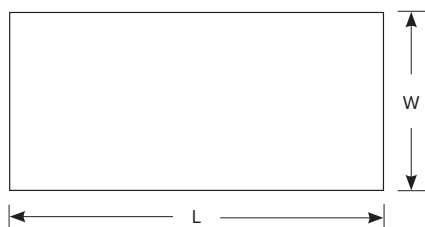
Cooledge Bespoke luminaires: For those unique situations where you absolutely need luminaires of a specific size or with a modification that doesn't appear on the datasheet.

Bespoke Luminaires combine the flexibility of design inherent in our SkySpan products with the smaller scale and factory production processes of our standard FABRILum luminaires to deliver an out-of-the-box solution that is exactly what you want.

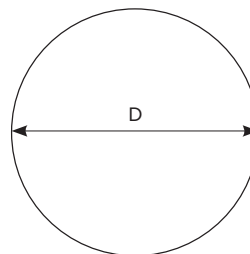
Size Range

Dimension	Maximum	Minimum
Length (L)	144" (3650mm)*	11.8" (300mm)
Width (W)	78.5" (1995mm)	6" (150mm)

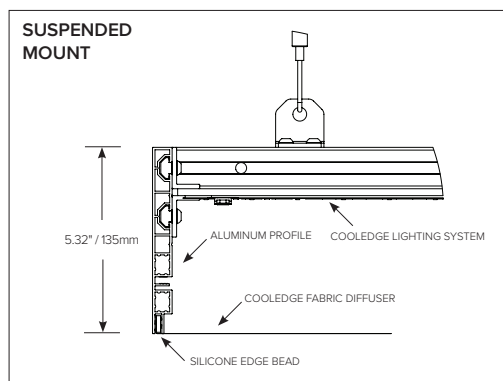
*Maximum dimensions are subject to site accessibility restrictions



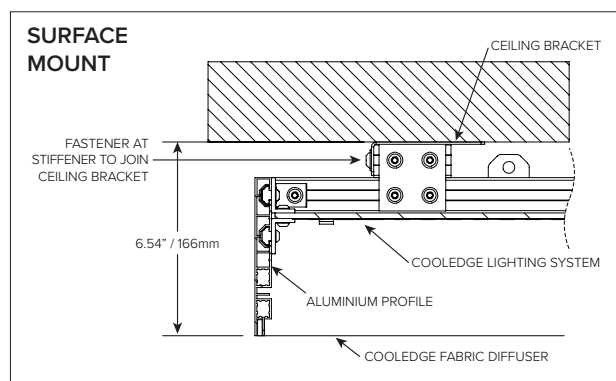
Dimension	Maximum	Minimum
Diameter (D)	78.5" (1995mm)	30" (760mm)



Mounting Options



Suspended Mount is available with threaded rod or aircraft cable (shown here)



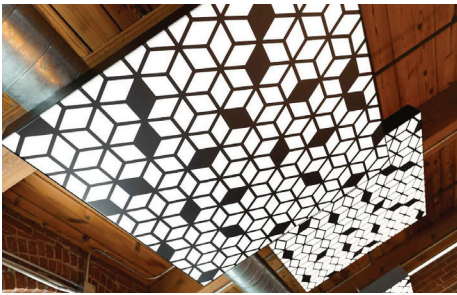
The Right Amount of Light:

- Extra High Flux (XHF)
- High Flux (HF)
- Medium High Flux (MHF)
- Medium Flux (MF)
- Low Medium Flux (LMF)
- Low Flux (LF)
- Eco Power (ECO)
- Build-To-Order (BTO)

The Color You Need:

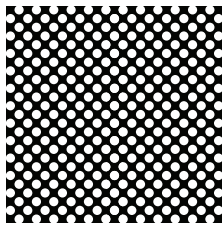
- 6 Static CCTs
- 2 Tunable White options: 2700K-5700K & 2200K-3500K
- Dim-To-Warm: 3500K-2200K
- W+RGB

Faux Perforated Metal & Custom Graphics

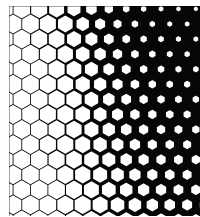


Faux Perforated Metal: Available as an option for SkySpan, SkyLine, FABRILum, and Bespoke luminaires, you can recreate the look of illuminated perforated metal panels using printed images without the need for heavy metalwork and integrating a light source.

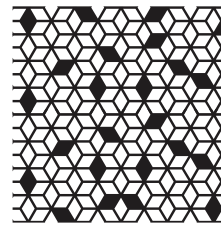
Standard Patterns



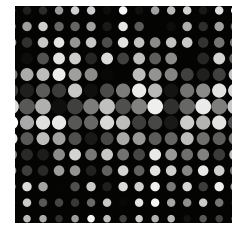
PATTERN A



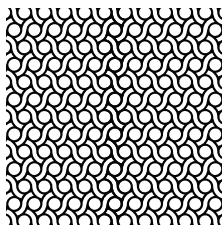
PATTERN B



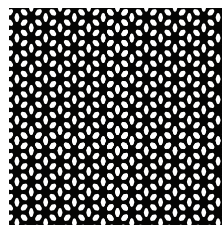
PATTERN C



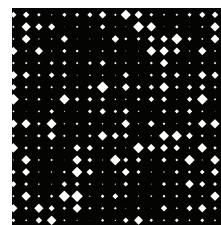
PATTERN D



PATTERN E



PATTERN F



PATTERN G



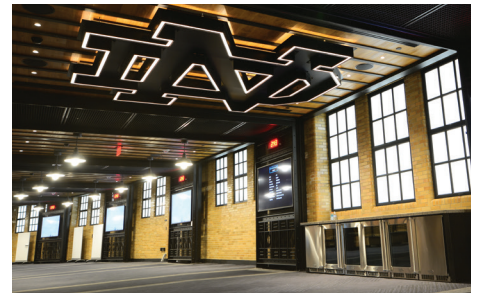
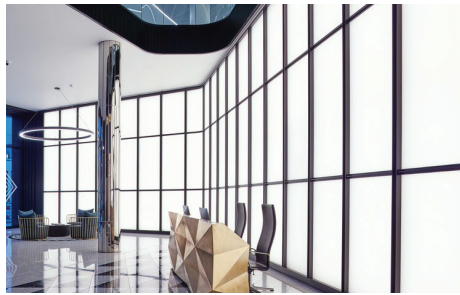
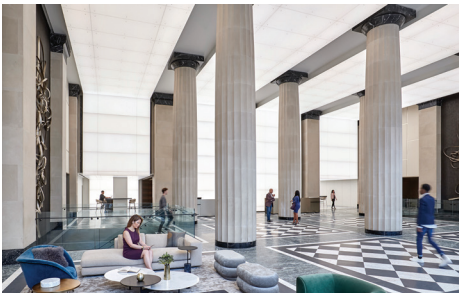
PATTERN H

FABRILum Scenes: Standard sizes with a choice of three images: Trees, Sky, or Shadows.

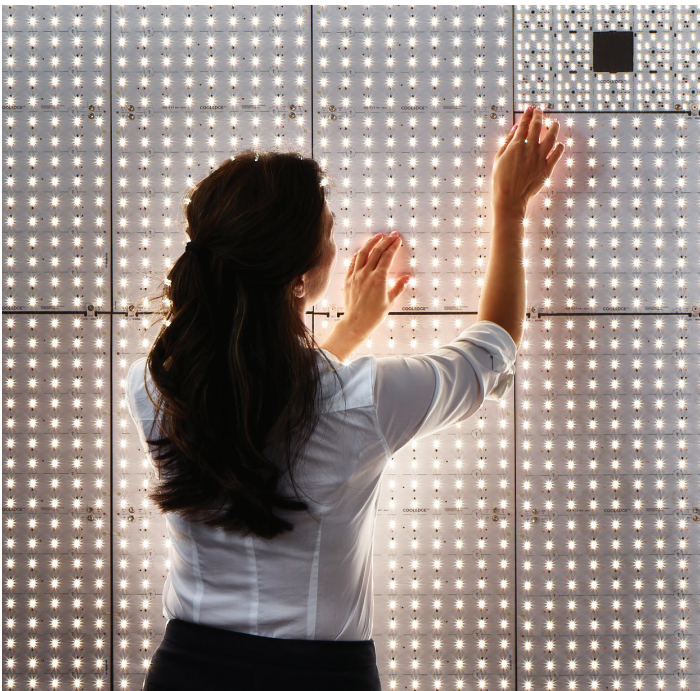


Custom Graphics: Available as an option for SkySpan, SkyLine, FABRILum, and Bespoke luminaires, Cooledge will work with you to create an illuminated scene based on an image of your choice or one we select for you.

TILE Lighting Systems



Cooledge TILE Lighting Systems: Uniform, superior quality backlighting designed for large area applications including luminous ceilings and walls, virtual skylights and windows, and architectural features. Suitable for translucent stone, textured glass, polymers, resins, and more.



- Flexible and cuttable for to match any shape or size
- Tunable or dynamic color options
- Interior or exterior applications
- Fully scalable constant voltage architecture simplifies power and controls
- Constant light output ensures uniform illumination even when cut
- Color consistency of typical 2 SDCM between TILES meet stringent requirements for large area installations
- High efficacy (lumens/watt) is suitable for almost any application
- Build-To-Order (BTO) option to precisely choose the right combination of light output and power



Snap Connectors: mechanical and electrical connection – makes installation simple and fast



Flexible & Light Weight: easier to handle and accommodates curves when required



Cuttable: allows for field adjustability



Digital: control for deep dimming, tunable white, dim-to-warm, and W+RGB is available with all standard lighting control protocols

TILE Lighting Systems

Answers for Every Backlighting Application

TILE Interior	Dry Location: 6 Static CCTs; 7 Standard Flux Levels + BTO
TILE Tunable White	Dry Location: 2 Tunable White + Dim-To-Warm; 7 Standard Flux Levels + BTO
TILE Exterior	IP65 Damp Location: 6 Static CCTs; 3 Standard Flux Levels
TILE W+RGB	Dry Location: High CRI White + RGB; 1 Standard Flux Level

Specification Highlights

Light Output (lm/ft2)

- 900, 600, 300, 150, 465*, 225*, 100*
- Build To Order (BTO)

(Varies by Version)

Size

- Standard: 1'x2' (nom.)
- Cut Out: 1'x1' (nom.)

Environment

- Interior: Indoor/Dry Location
- Exterior: Damp Location (IP65)

Color Temperature

- Static: 2200K, 2700K, 3000K, 3500K, 4000K, 5700K
- TNW: 2700K-5700K & 2200K-3500K
- DTW: 3500K-2200K
- W+RGB: 3500K White + Red/Green/Blue

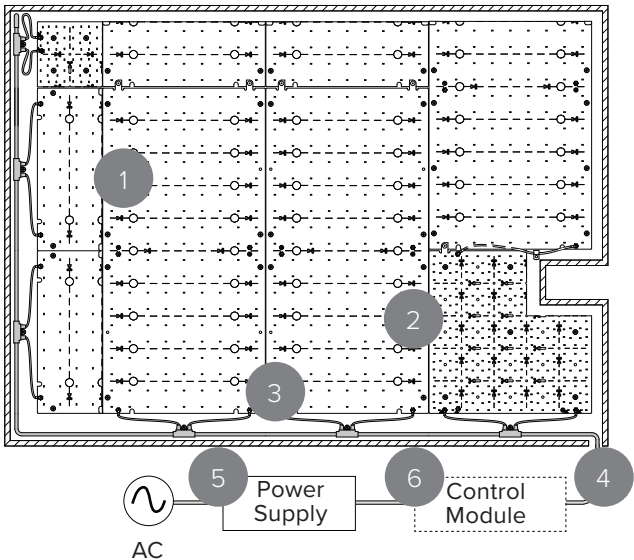
Control Protocols

- 0-10V
- DALI (CE)
- DMX (UL)
- Casambi (wireless)
- AWN (wireless)

Color Quality

- ≥ 90 CRI
- Interior: 2 SCDM
- Exterior: 3 SCDM

Typical TILE Lighting System (TILE Interior shown)



Create luminous ceilings, feature walls, and large graphics displays with Cooledge TILE Interior products

- | | |
|---|---|
| 1 | TILE Interior |
| 2 | TILE Interior Cut-out Kit <i>(optional)</i> |
| 3 | TILE Interior T-Cable |
| 4 | TILE Interior Starter Cable* |
| 5 | Power Supply |
| 6 | Control Module <i>(optional)</i> |

*Included in TILE Interior Starter Kit