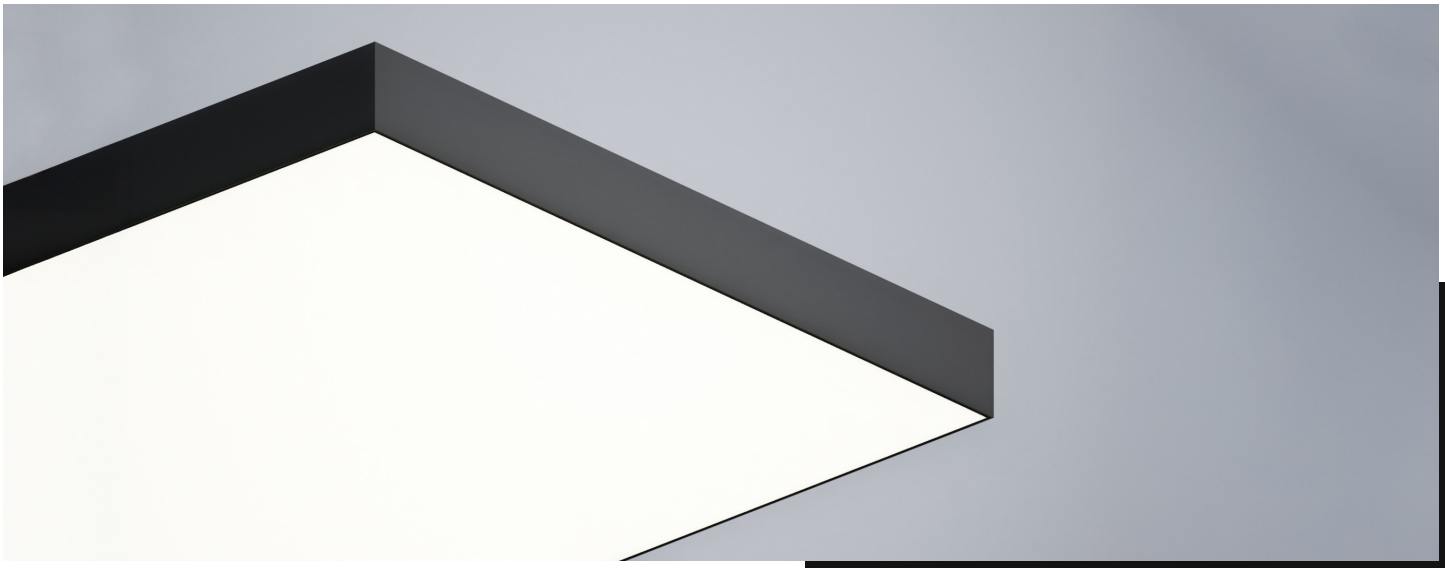
ARCHITECTURAL LIGHTTHING

TLS Architectural Lighting

BY MEDIA GRAPH

CARRA



MODELS

SIZES

2’x2’
2’ x 4’
4’ x 4
4’ x 8’
6’ x 10’
8’ x 12’

OUTPUT

Standard
Premium

FRAME COLOR

Black
White
Silver

MOUNTING

Recessed
Surface
Suspended
T-bar

DIFFUSER

LightTex Silent
Acoustical Diffuser

Elevate your lighting design with the Carra Vega, an acoustical luminous cloud that features cutting-edge pixel-controlled color-changing effects. Whether you want to simulate a moving sky, abstract patterns, or custom animations, this lighting fixture offers endless creative possibilities. Its enclosed system includes a blockout reflector for enhanced light efficiency, while the various mounting options allow you to seamlessly integrate it into any space. The Carra Vega is available in six sizes and three frame colors, providing both flexibility and innovation in one package.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

Learn more

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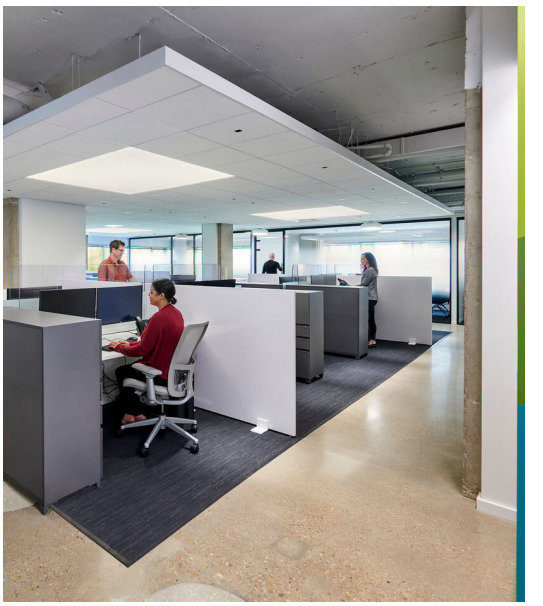
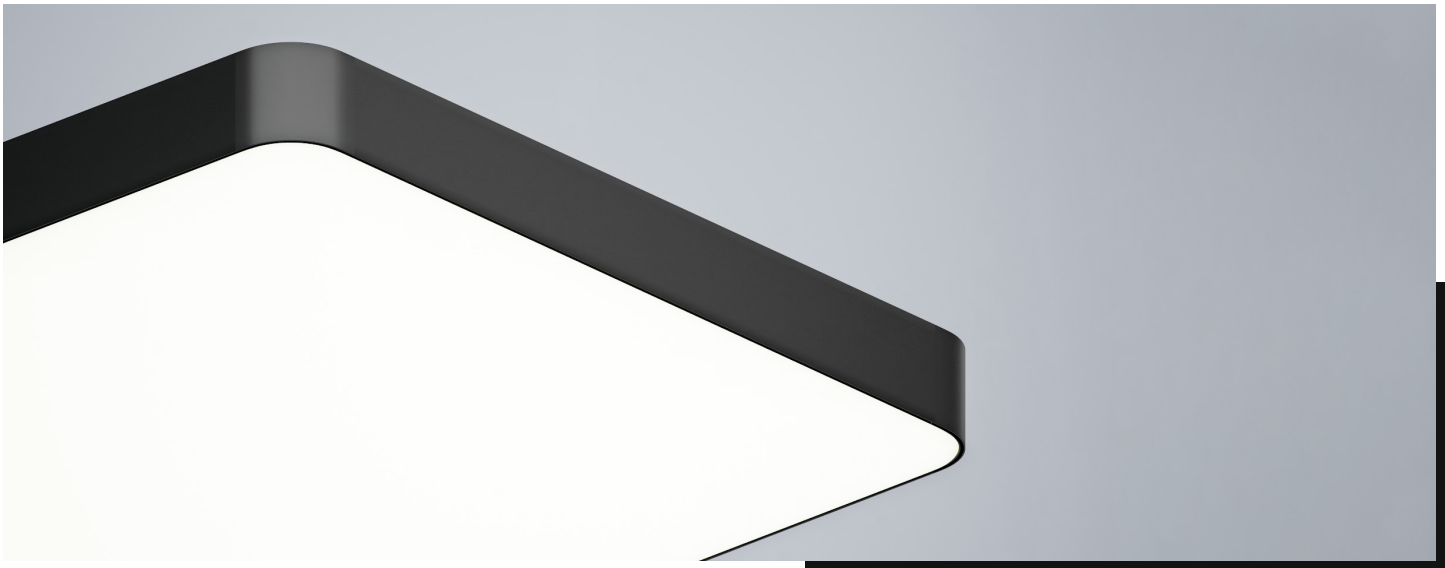
PROJECTS



CARRA ROUNDED



MODELS

SIZES

2’x2’
2’ x 4’
4’ x 4
4’ x 8’
6’ x 10’
8’ x 12’

OUTPUT

Standard
Premium

FRAME COLOR

Black
White
Silver

MOUNTING

Recessed
Surface
Suspended

DIFFUSER

LightTex Silent
Acoustical Diffuser

Elevate your lighting design with the Carra Vega, an acoustical luminous cloud that features cutting-edge pixel-controlled color-changing effects. Whether you want to simulate a moving sky, abstract patterns, or custom animations, this lighting fixture offers endless creative possibilities. Its enclosed system includes a blockout reflector for enhanced light efficiency, while the various mounting options allow you to seamlessly integrate it into any space. The Carra Vega is available in six sizes and three frame colors, providing both flexibility and innovation in one package.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

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PROJECTS

CIRCA

MODELS

SIZES

3’
6’

4’
8’

5’
10’

MOUNTING

Recessed
Surface
Suspended

OUTPUT

Standard
Premium

FRAME COLOR

Black
White
Clear Anodized

DIFFUSER

LightTex Silent
Acoustical Diffuser

The Circa Astra is a sophisticated acoustical luminous cloud that delivers uniform, edge-to-edge lighting. Available in multiple color temperature options, this fixture is perfect for those seeking versatile, high-efficiency lighting solutions. Its integrated blockout reflector maximizes lumen output, ensuring bright, consistent illumination. Choose from suspended, recessed, or surface-mounted options to match your design aesthetic. The Circa Astra is available in six sizes and can be dimmed with 0 to 10V or Dali for added control.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

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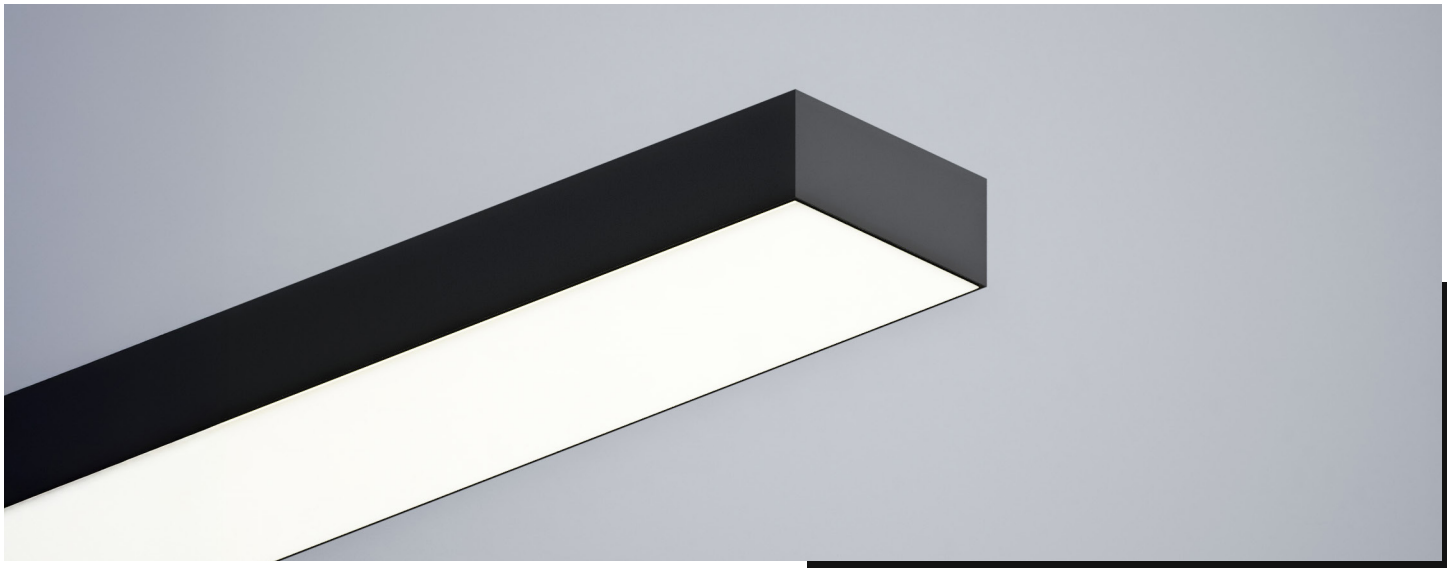
PROJECTS

LINÉA



MODELS

SIZES

Width :
6’’ - 12’’

Length :
4’ - 6’ - 8’ - 10’ - 16’ - 20’

OUTPUT

Standard
Premium

FRAME COLOR

Black
White
Clear Anodized

MOUNTING

Recessed
Surface
Suspended
T-bar

DIFFUSER

LightTex Silent
Acoustical Diffuser

The Linea Astra is an acoustical luminous cloud offering sleek, edge-to-edge homogeneous lighting with customizable color temperature options. Perfect for modern spaces, this fixture can be tailored to fit any design vision. Its enclosed system includes a blockout reflector that ensures efficient light distribution, making it a powerful and stylish lighting solution. Available in five sizes and compatible with dimming options like 0 to 10V or Dali, the Linea Astra is as flexible as it is functional.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

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PROJECTS

BESPOKE

MODELS

FRAME COLOR

Black White
Clear Anodized
Custom

OUTPUT

Standard
Premium
Custom

FRAME

Frameless Square corner
Frameless Rounded corners
Frame Square corners
Frame Rounded corners

SHAPES & DIMENSIONS

Rectangle	any size
Square	any size
Circle	any size
Triangle	any size
Custom	any size

DIFFUSER

LightFoil
LightTex Silent
LightTex NC

APPLICATION

Standard
Premium

The LumiCloud™ Bespoke brings your vision to life with a fully customizable luminous cloud, delivering seamless edge-to-edge homogeneous lighting. Available in multiple CCT options, it offers endless possibilities, from intricate shapes to expansive designs—without size limitations.
Engineered for exceptional performance, the LumiCloud™ Bespoke features an enclosed system with an integrated blockout reflector, maximizing lumen output for unmatched efficiency. Versatile and impactful, it's the perfect solution to illuminate your space with brilliance and creativity.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

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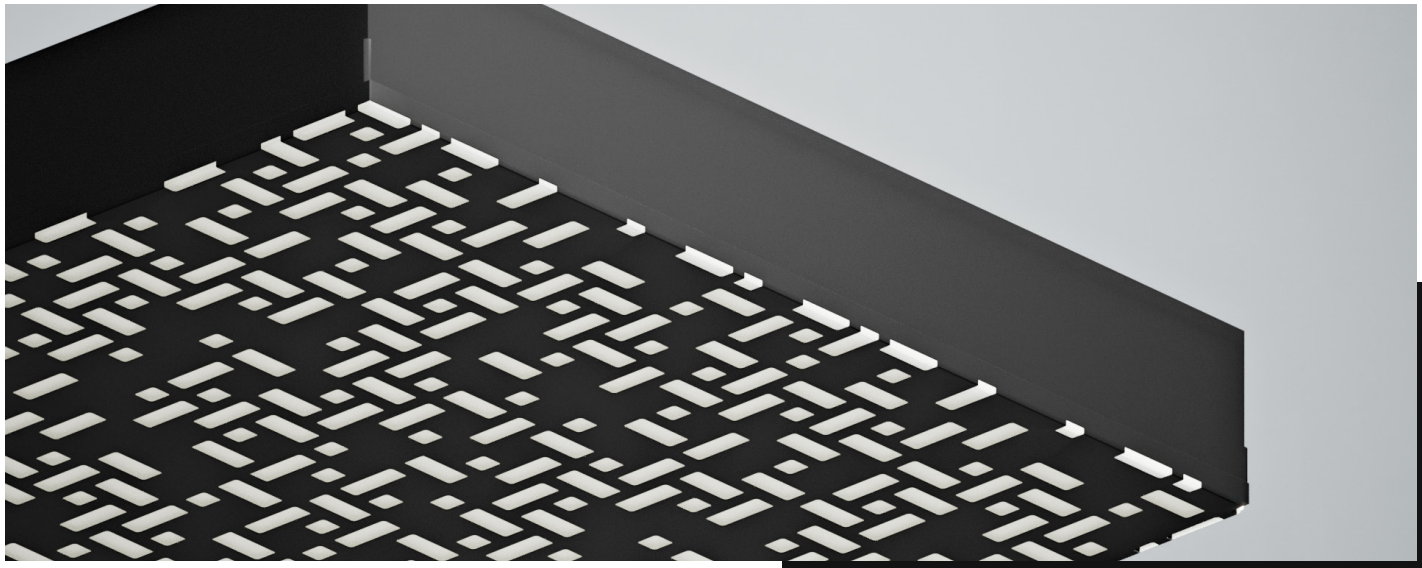
PROJECTS

LUMIPANO



MODELS

SHAPES & DIMENSIONS

Rectangle
- 2'x2'
- 2'x4'
- 4'x4'
- 4'x6'
- 4'x8'

MOUNTING

- Recessed
- Surface
- Suspended
- T-bar

FRAME COLOR

- Black
- White
- Silver

OUTPUT

- Standard
- Premium

LumiPano™ Vega panels offer a unique blend of form and function with their versatile illuminated perforated metal design. These panels can be easily installed or removed thanks to the magnetic profile clips, providing quick access to the lighting engine and plenum. The TLS technology ensures uniform, diffused lighting, available in various color options including pixel-controlled RGB and tunable white. LumiPano™ is independently mountable, eliminating the need for a third-party T-bar ceiling, making it a streamlined choice for any space.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

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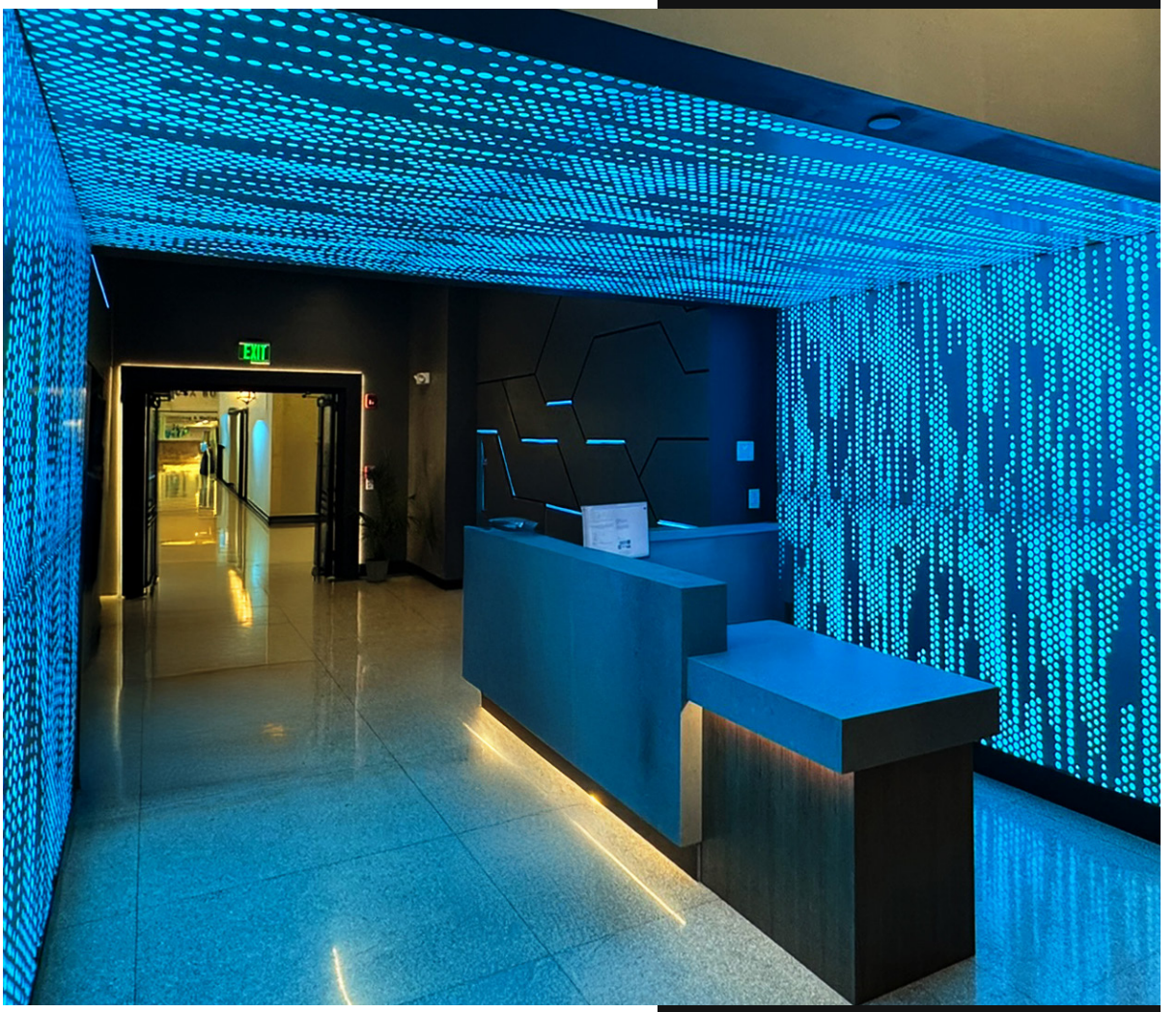
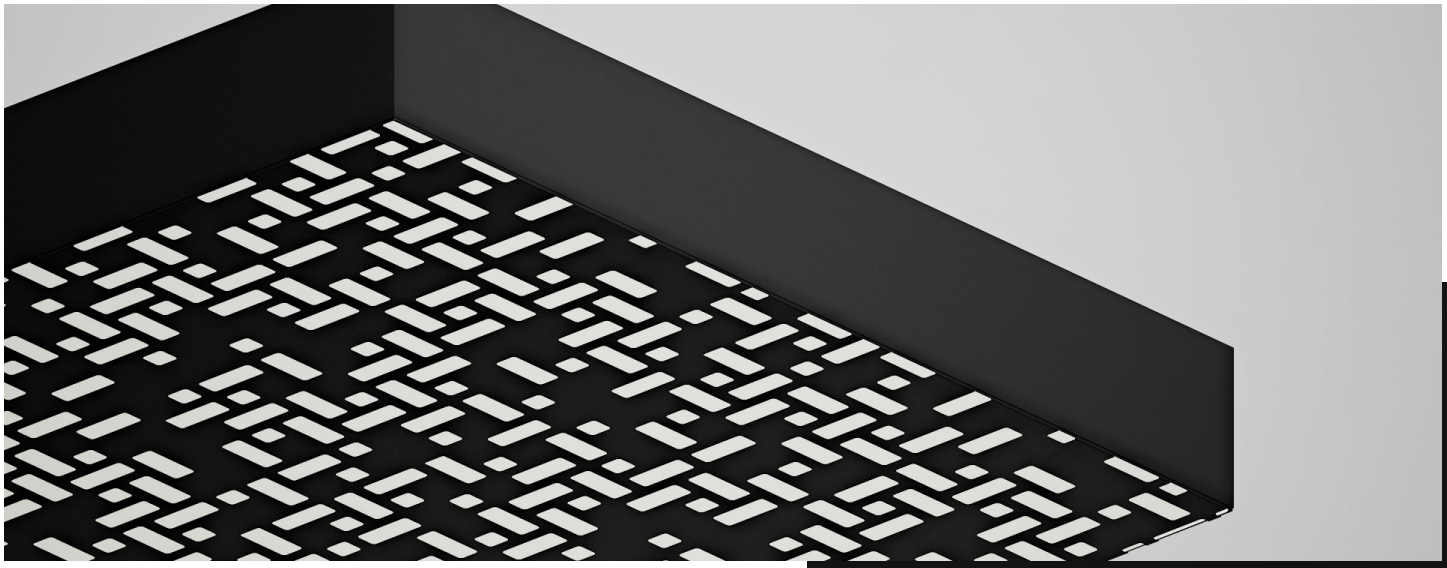
PROJECTS



LUMIPANO LITE



MODELS

SHAPES & DIMENSIONS

Rectangle
- 2'x2'
- 2'x4'
- 4'x4'
- 4'x6'
- 4'x8'

MOUNTING

- Recessed
- Surface
- Suspended
- T-bar

FRAME COLOR

- Black
- White
- Clear Anodized

OUTPUT

- Standard
- Premium

DIFFUSER

- LightTex Silent Acoustical Diffuser

The LumiPano™ Lite offers a sleek alternative to perforated metal with advanced diffusers and micro-infused technology. Powered by our TLS lighting engines—Astra, Sola, Aurora, and Vega—it enables unique organic designs and larger sizes. With versatile installation options like recessed, surface-mounted, suspended, and T-Bar, it's the ideal solution for standout projects.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

Learn more

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PROJECTS

LUMISKY

MODELS

SHAPES & DIMENSIONS

Rectangle	2'x4'
Square	2'x2'

FRAME COLOR

Black
White
Clear Anodized

GRID CONFIGURATIONS

1x1	2x1	2x2
2x3	3x3	5x10

OUTPUT

Standard
Premium

MOUNTING

Suspended
Wall
Recessed

GLASS

Translucent
Printed

Bring the outdoors inside with LumiSky, a lighting fixture that replicates natural daylight through its regressed low iron glass, ensuring bright, even illumination without shadows. The high-resolution UV printing technology allows for limitless design possibilities, from cloudy skies to serene landscapes. LumiSky's consistent edge-to-edge lighting creates a stunning visual effect, and its 2' x 2' configuration makes it an easy addition to any interior design project, providing both functionality and aesthetic appeal.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

Learn more

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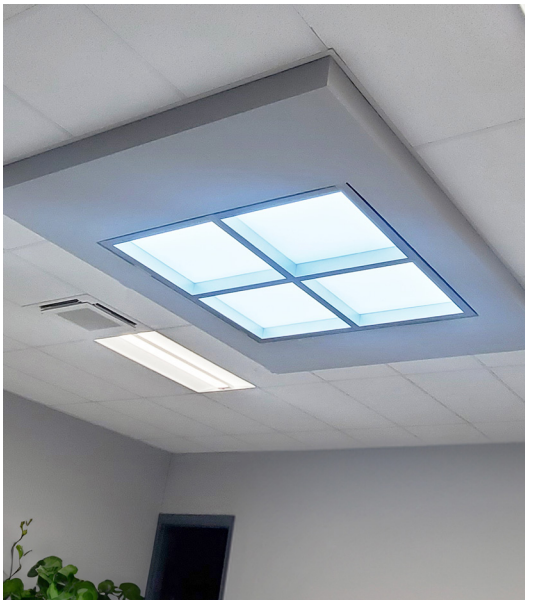
PROJECTS



LUMISKY LITE

MODELS

SHAPES & DIMENSIONS

Rectangle	2'x4'
Square	2'x2'
	4'x4'
	6'x6'

FRAME COLOR

Black
White
Clear Anodized

GRID CONFIGURATIONS

1x1	2x1	2x2
2x3	3x3	5x10

OUTPUT

Standard
Premium

MOUNTING

Suspended
Wall
Recessed

GLASS

Translucent
Printed

LumiSky Lite by TLS Architectural Lighting delivers a high-performance lighting solution designed to emulate the look and feel of natural daylight indoors. Its luminous surface and seamless recessed finish recreate the calm and clarity of a real skylight bringing daylight where windows can't.

Engineered for scalability, acoustic performance, and ease of integration, LumiSky Lite transforms traditional ceilings into immersive, luminous environments, ideal for commercial, institutional, and healthcare spaces.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

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PROJECTS

LUMISLIM

LumiSlim is your perfect solution for sleek, single or double-sided backlit signs, illuminated shelves, and panels. Designed for use with translucent materials, LumiSlim seamlessly integrates into any architectural or illuminated design, delivering flawless, uniform lighting with our ultra-thin and frameless profiles

MODELS

DIMENSIONS

5 ft x as needed
(1.5 m x as needed)

LED BOARDS

MCPCB 3 lenghts
(23.8", 6.8" & 1.7 ")

MOUNTING

Wall Mounted
Free standing
Hanging
Custom Mounting
Upon Request

FRAME COLOR

Extruded Aluminium
Clear Anodized
Other colors upon request

GLASS

Translucent
Printed

FRAME THICKNESS

SHV 1116 (1/2"),
SHV 1117 (3/4"),
FLS 1118 (11/8"),
FLS 1102 (15/8"),
FLD 2050 (2")

CCT

3000K - 4100K - 5700K - 7500K

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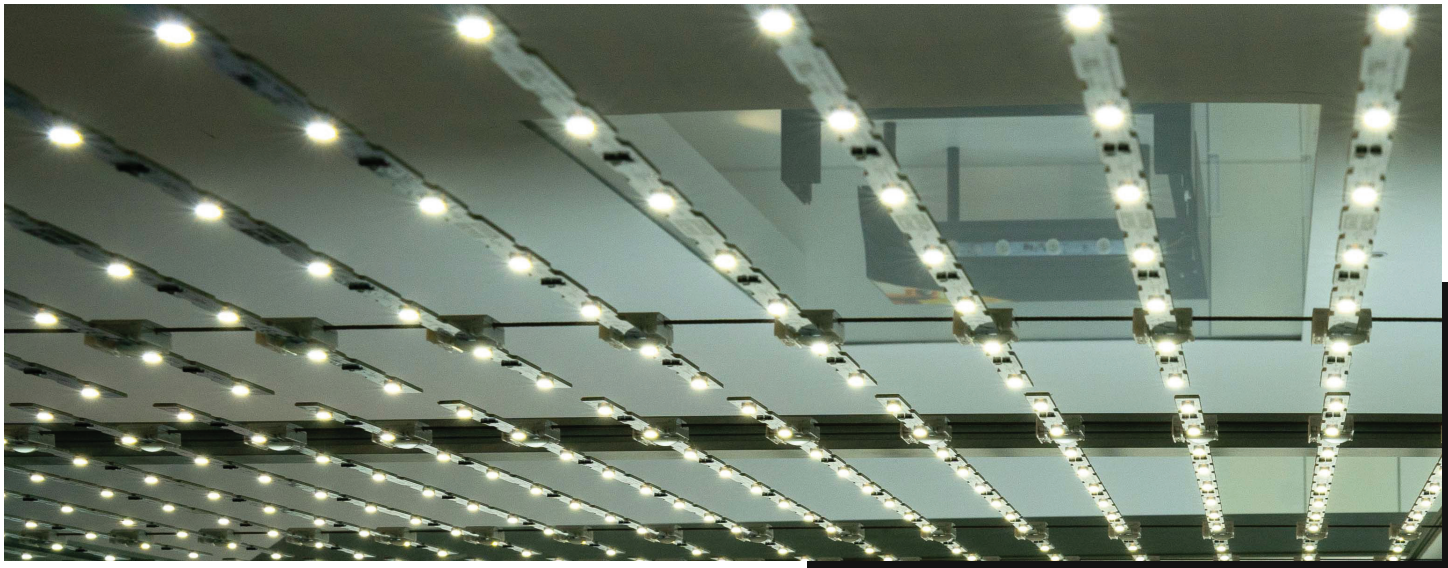
PROJECTS

Mooner's Moons
WHISKEY
JOHN SMITH
Jenne's Jen
WHISKEY
SIMEON
STOLCHOLM PURE BRANDY
WHISKEY
Mooner's Moons
WHISKEY
BACIO DIVINO
SIMEON
JOHN SMITH
Jenne's Jen
WHISKEY
SUPERY
JOHNSON
JOHNSON WHISKEY

LUMIGRID



MODELS

DIMENSIONS

Custom Width
Custom Height

OUTPUT

Standard
Premium
Custom

MOUNTING

Recessed
Surface

The LumiGrid s a versatile lighting solution that features a narrow, lightweight LED board lattice. Designed for flexibility, it can be customized to fit any shape or size, making it perfect for backlighting a variety of diffusers and materials. Available in multiple color temperature options, this fixture is ideal for projects requiring precise lighting. The Astra Opto variant is especially suited for spaces with limited depth, offering a practical and efficient solution for architectural integration.

LIGHTING ENGINES CCT

Astra : 2200K - 2700K - 3000K - 3500K - 4000K - 5600K - 6500K

Sola : From 2700K to 6500K

Aurora : RGBW 4000K - RGBW 6500K

Vega : RGBW 6500K - WW From 2700K to 6500K

CONTROL

Astra	Sola	Aurora	Vega
0-10V	DMX	DMX by TLS	Stand alone
No dimming	0-10V	DMX by others	
Dali			

Learn more

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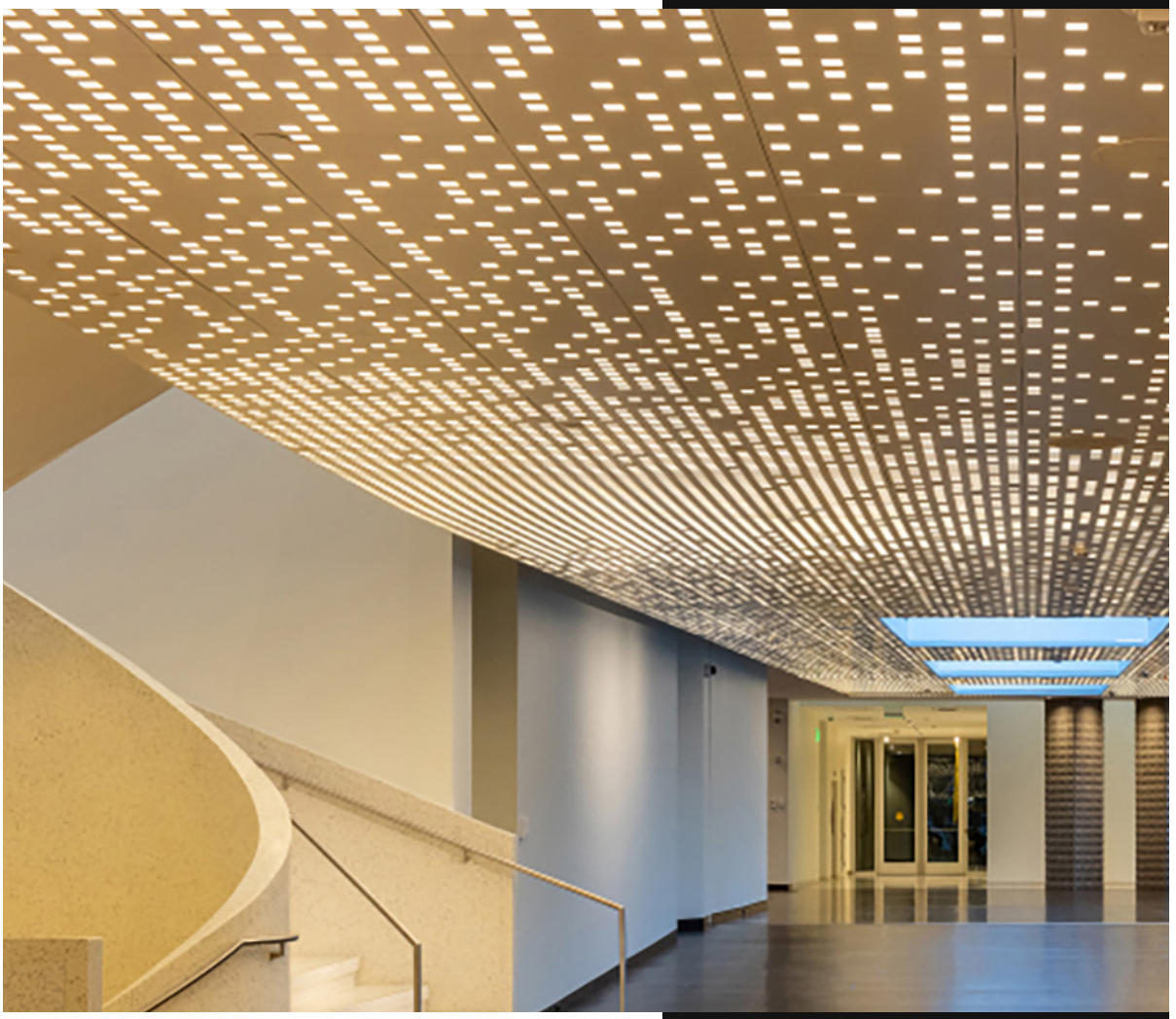
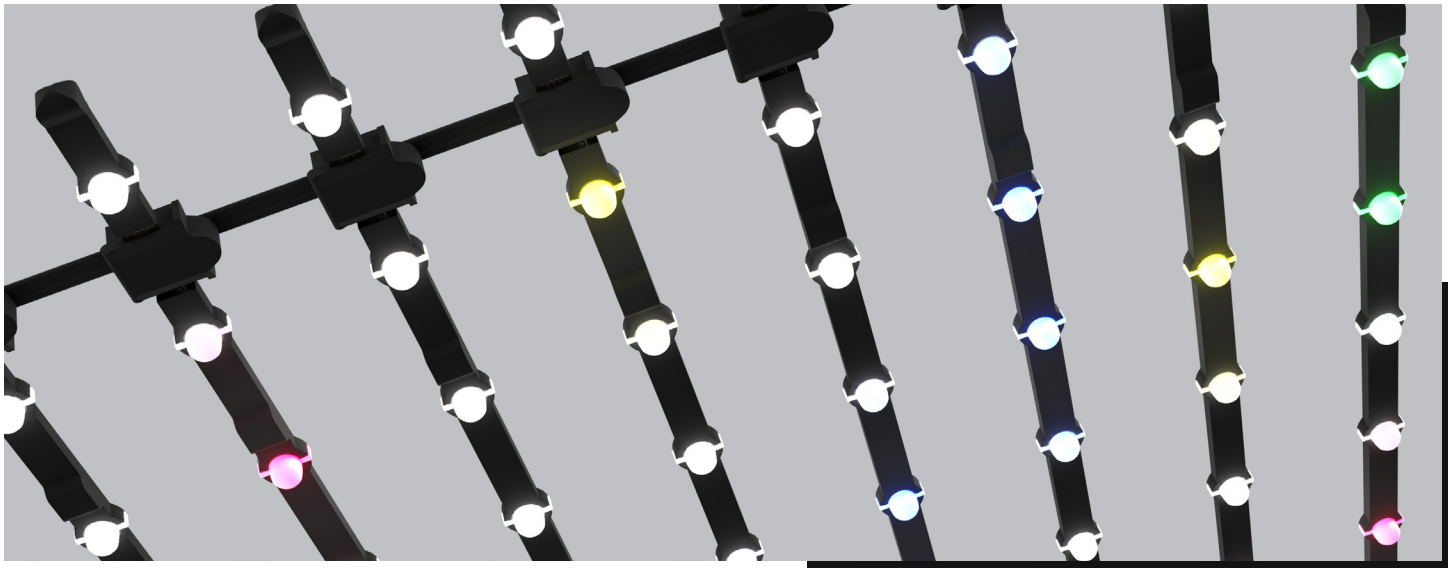
PROJECTS



LUMIPIX



MODELS

DIMENSIONS

Custom Width
Custom Height

MOUNTING

Recessed
Surface
Suspended

LED BOARDS

Boards with enclosure moulding and magnet alignment

COLOR RANGE

Full color RGB
(16.7M color output)

TLS LumiPix redefines low-resolution media systems with individual pixel control for both color and intensity, delivering unmatched flexibility and precision. Built on our award-winning Tension LED System, this substrate-free solution uses simple point-to-point anchoring to create modular, large-scale LED matrices with ease.

OUTPUT

Viewing Angle:	180° (dome lenses)
Lumens per node:	5.6 lumens
Cd on-Axis Candela per node:	1.8–4.2 cd on axis (min–max).
Efficacy (lm/W) per node:	26.2 Lm/w (white LEDs)- Max RGB
LED Channels:	Red/Green/Blue

CONTROL

TDPC 680 \ TLS Digital pixel controller

PITCH

Vertical	40 mm | 70 mm | 100 mm | 150 mm
Horizontal	40 mm | 70 mm | 100 mm | 150 mm

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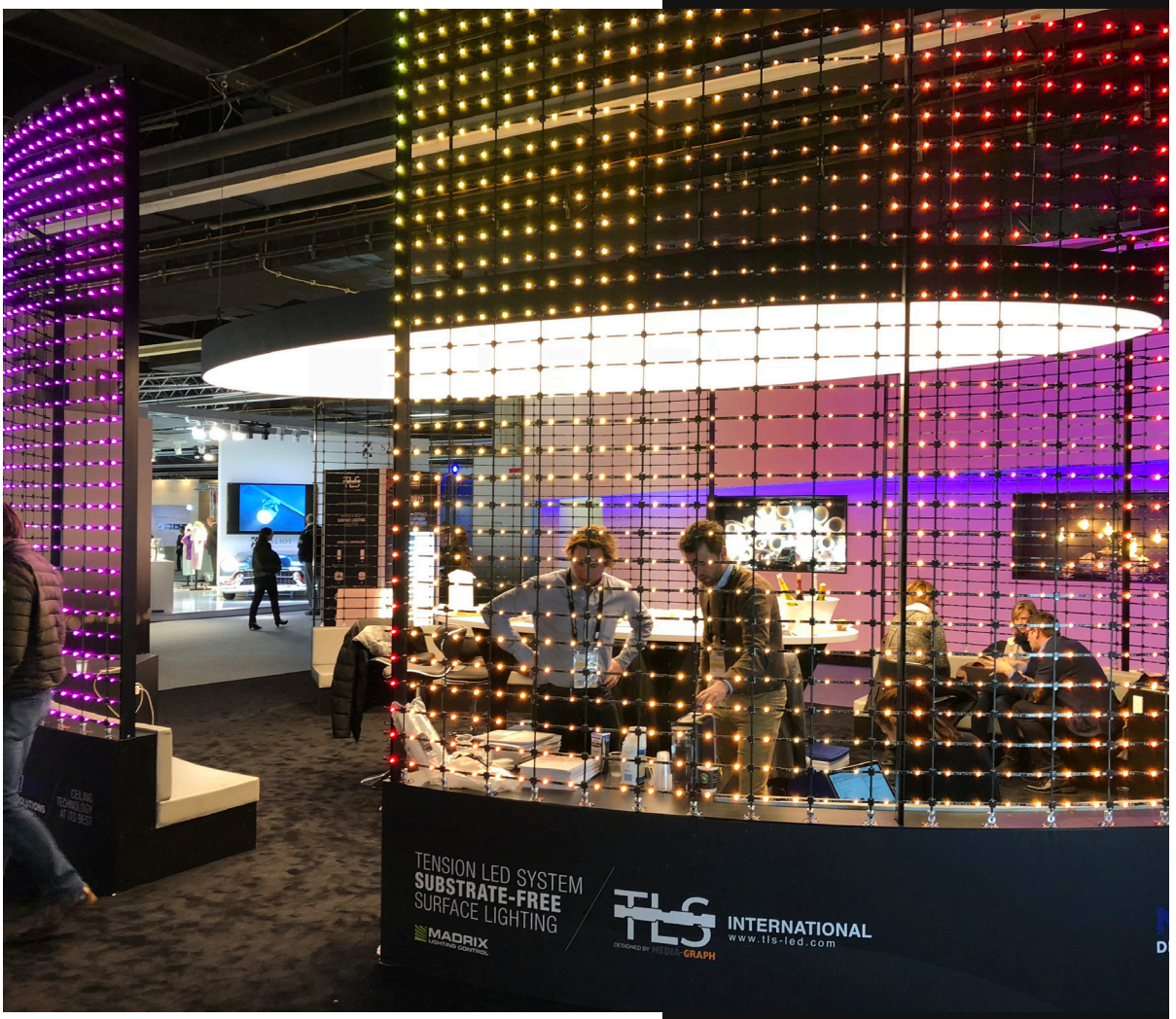
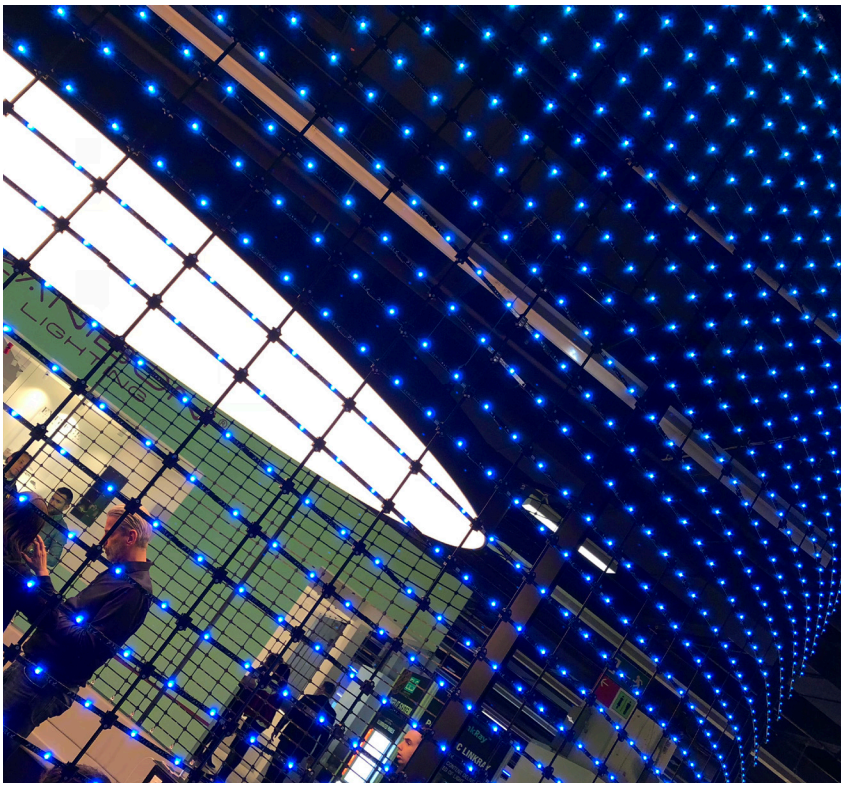
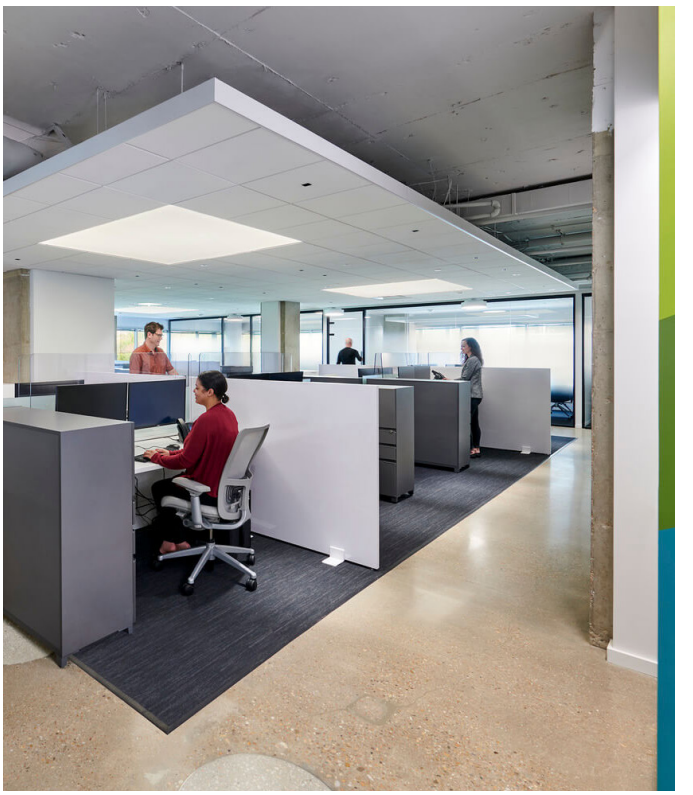
PROJECTS


TENSION LED SYSTEM
SUBSTRATE-FREE
SURFACE LIGHTING
MADRIX
TLS
INTERNATIONAL
www.tls-led.com



PROJECTS