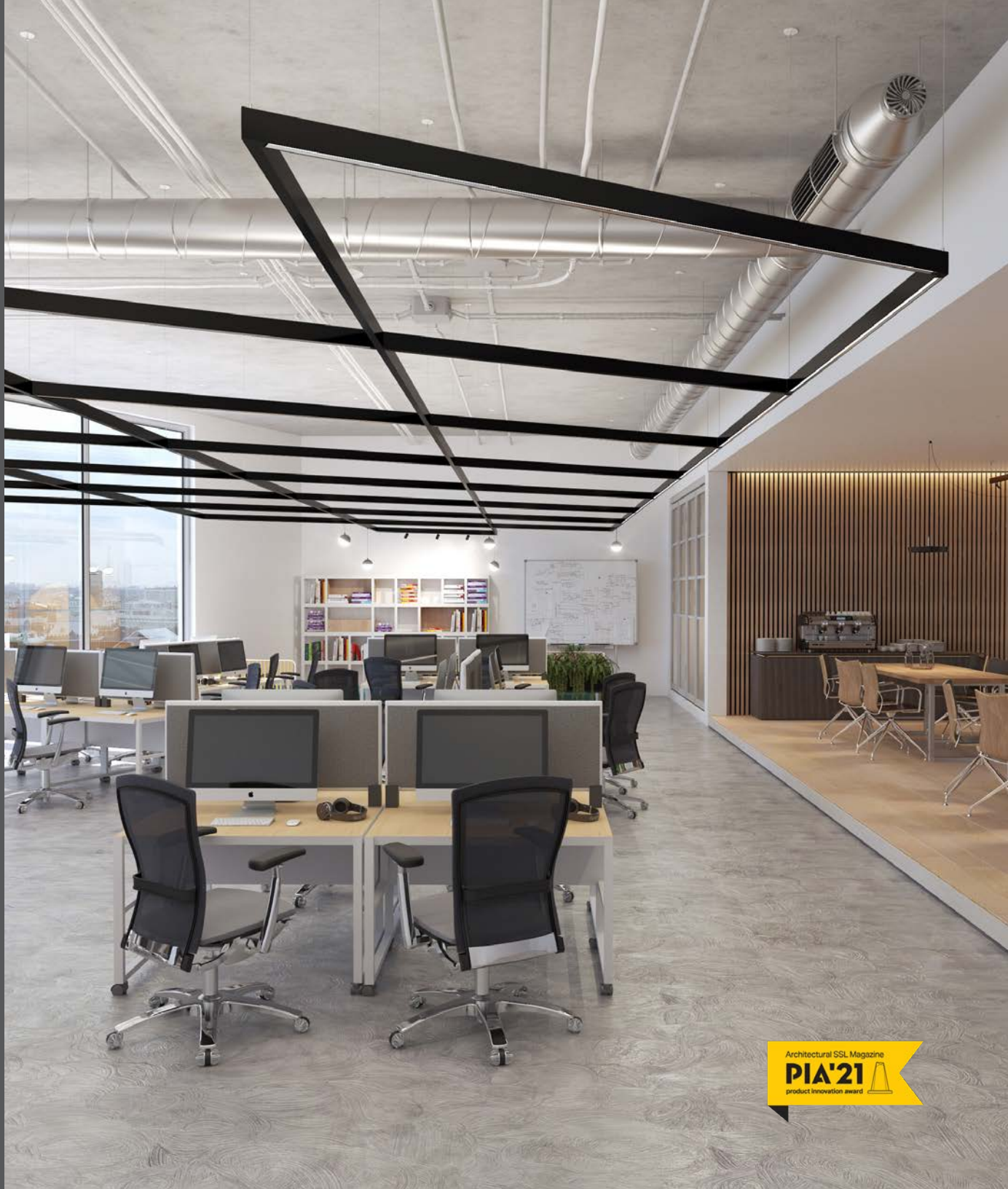


Layers of light reinvented

StencilFlex™

Patent number #11, 118, 765

Introducing the F.L.E.X Technology™



Architectural SSL Magazine
PIA'21
product innovation award



04 _ Imagine



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122 _ Lexicon

124 _ Product Matrix

“Without freedom, creativity
cannot flourish.”

– DALAI LAMA

— Introduction

Flex your creative muscles.
You are about to experience design
freedom like never before.

Many say flexibility can't be achieved without the complexity and high installed cost of low-voltage track systems and remote drivers.

By thinking outside the fixture, Axis has engineered something that might just change everything about architectural pendant lighting...

Introducing StencilFlex™ and patented F.L.E.X Technology™.



— Imagine

Redefining layers of light and their delivery

The F.L.E.X
Technology™

A new technology,
for today's needs.
And tomorrow's.

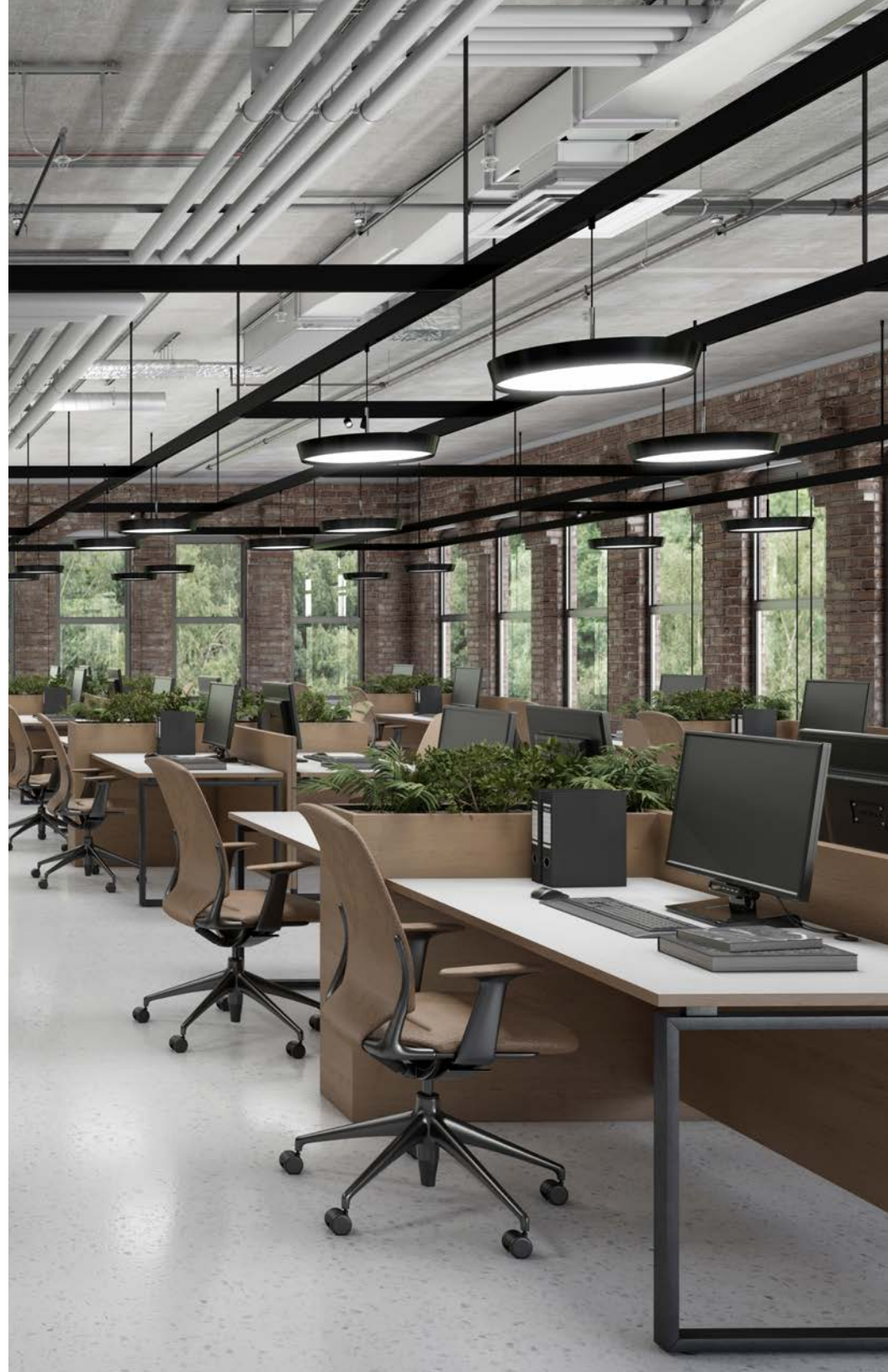
FRAMEWORK

LIGHTING INSERTS

EMPOWER

X-FACTOR: DESIGN FREEDOM

01



— The F.L.E.X Technology™

Framework

StencilFlex™ is based on the framework, a streamlined patented, cost effective line-voltage structure that enables easy-to-install building-scale lighting solutions with energy and emergency code compliance. In doing so, it delivers a broad range of architecturally integrated lighting elements and acoustic panels that meet the needs of entire spaces and specific areas.

F.L.E.X line voltage framework is a timeless new architectural option for open ceilings that provides design freedom to the architect, lighting designer and interior designer.

Make it fit your vision of the space. For today's needs. And tomorrow's.

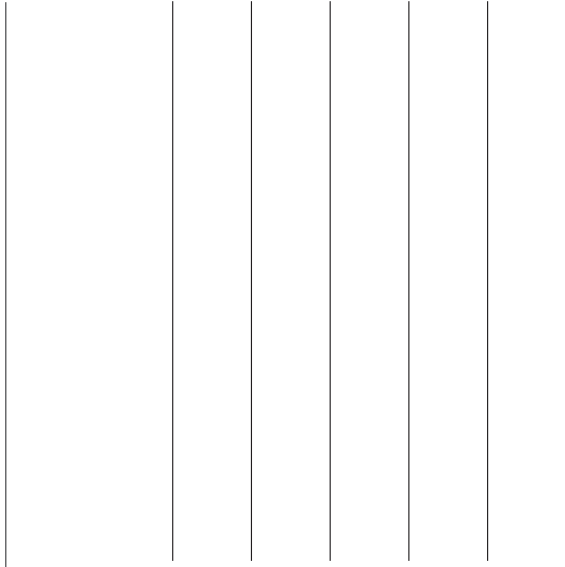
Patented line voltage technology

Depending on lighting requirements and design intent, a StencilFlex layout can include several frameworks, each one a neighborhood of light, or it can form a single, large-scale framework with multiple neighborhoods of light.

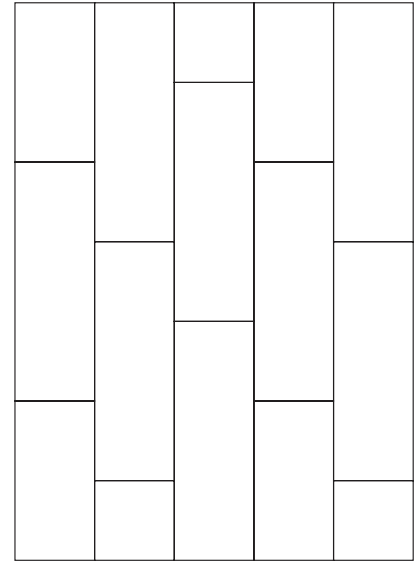
Built for strength and flexibility, new StencilFlex Hubs enable multiple forms throughout the framework.



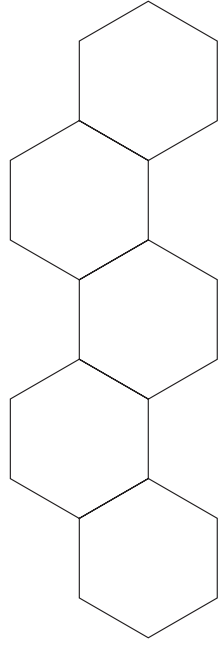
Linear



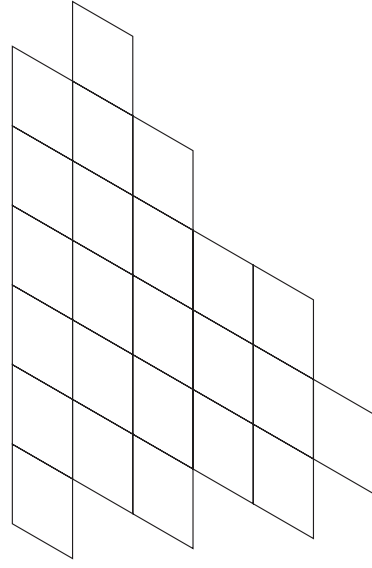
Rectangle/Square Grid



Hexagon Grid



Parallelogram Grid



— The F.L.E.X Technology™

Lighting inserts

Frameworks are made of economical, prewired segment extrusions that accept lighting inserts – for linear lighting, downlighting, wall washing, track elements and decorative pendants – to bring StencilFlex™ layers of light where required, in neighborhoods of light, circulation areas and other functional spaces.

Add flexibility to your lighting design. For today's needs.
And tomorrow's.

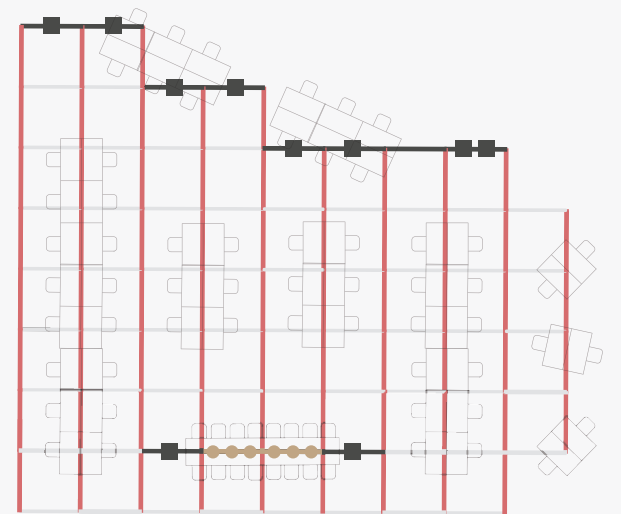
Patented line voltage technology

Interchangeability
and flexibility

A mini line-voltage driver in every insert means full interchangeability among inserts, as well as the flexibility of last minute on-site modifications by certified electricians.

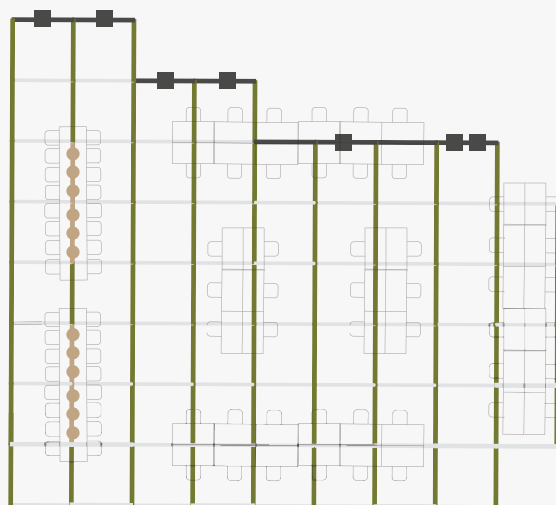


Layout B



- Flush Lens (spotless)
- Luna Orb Pendant
- Stella Spotlight 55

Layout A



- Louver 60
- Luna Orb Pendant
- Stella Spotlight 55







— The F.L.E.X Technology™

Empower

The F.L.E.X Technology™ lets you fully control StencilFlex layouts using Empower technology. This worry-free wireless platform leverages open standard design flexibility and individually controlled inserts, ensuring more freedom to create visually engaging lighting that is smart and connected.

Wield the power to customize your lighting. For today's needs. And tomorrow's.



Worry-free
wireless platform

Every insert features a mini line-voltage driver and an Empower mini control module compatible with programmable devices supplied by qualified Empower wireless partners, enabling highly precise resolution-of-one control.



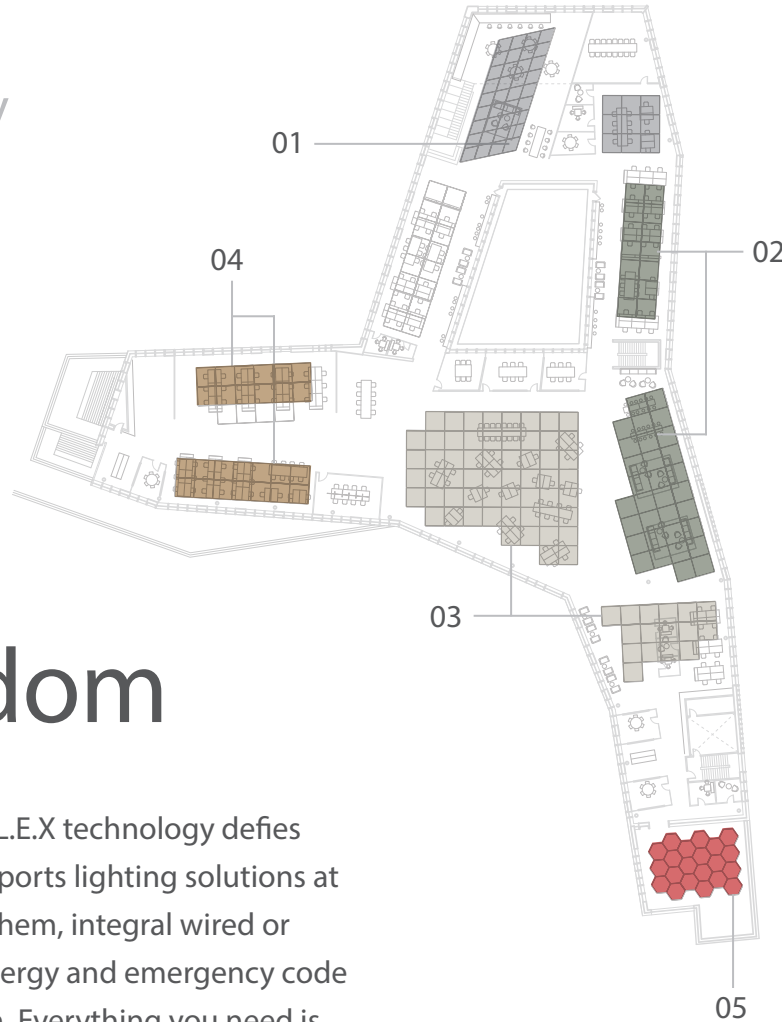
Resolution-of-One
Wired or Wireless, we meet
your lighting and controls needs

— The F.L.E.X Technology

X-Factor: Design Freedom

With its sheer features and capabilities, F.L.E.X technology defies description. Its line-voltage structure supports lighting solutions at scale, layers of light anywhere you need them, integral wired or wireless control throughout, as well as energy and emergency code compliance no matter the lighting design. Everything you need is there to create endless architectural possibilities... and excitement.

Enter a new era of limitless lighting design. For today's needs.
And tomorrow's.



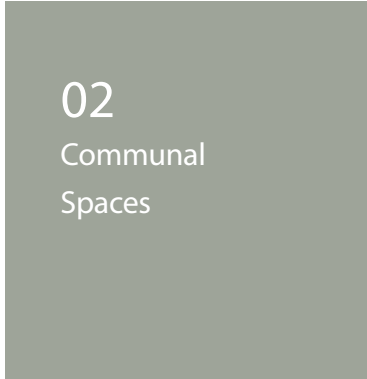
Simplicity, adaptability
and affordability

Where there is no need for
lighting, blank inserts in the
StencilFlex™ framework add
a sophisticated, minimalist
touch to the overall design.

Innovative IMW™ line-
voltage frameworks and
Nomadic™ lighting inserts
herald a new approach
to luminaire wiring that
brings down the cost of
architectural lighting.



01
Public Spaces



02
Communal
Spaces



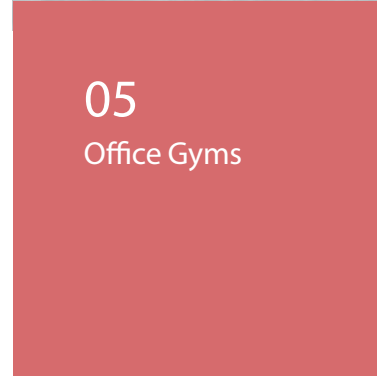
03
Collaborative
Work Spaces



04
Office Spaces



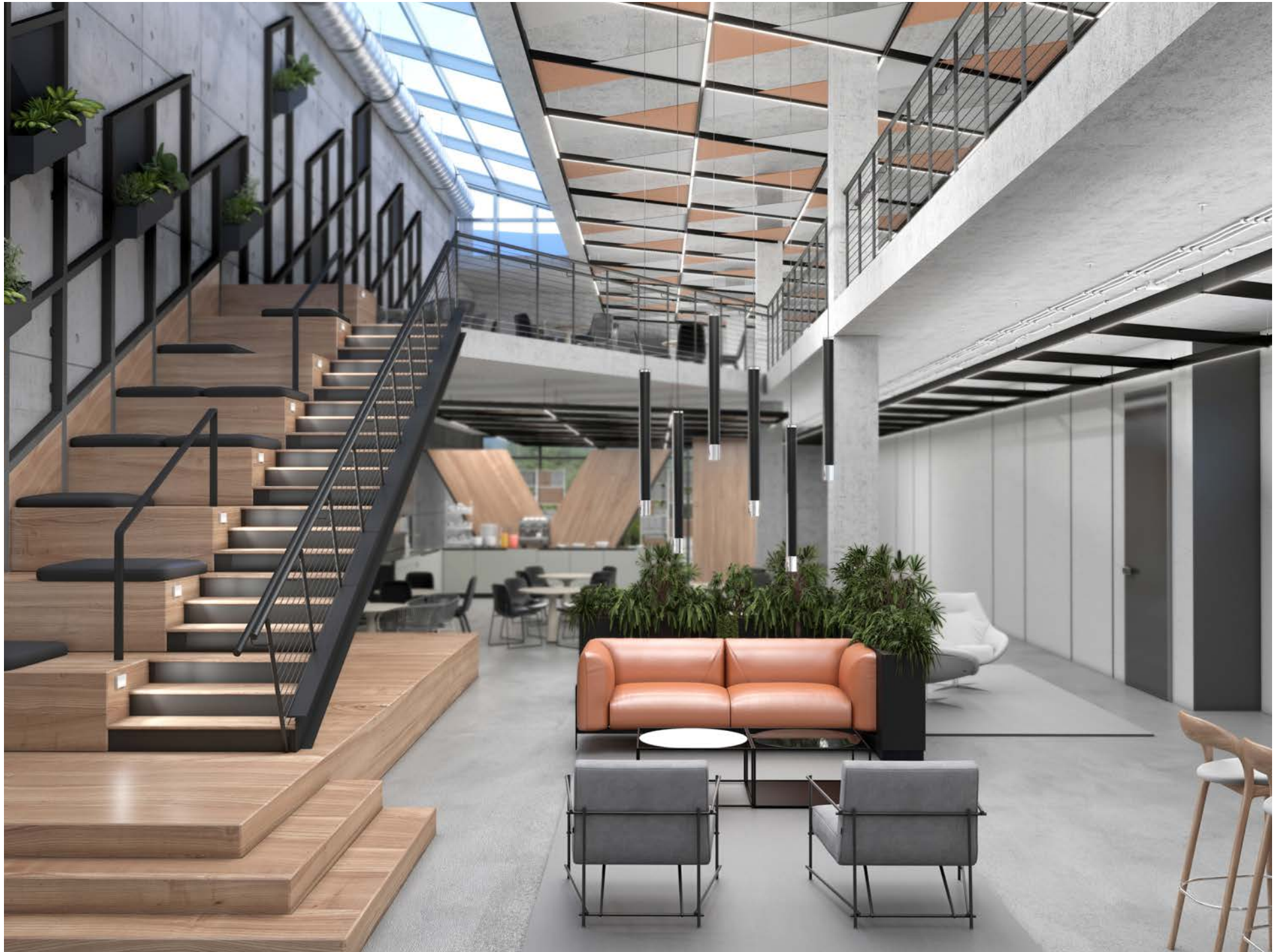
05
Office Gyms



A faint, light gray architectural floor plan of a building is visible in the background. The plan shows various rooms, including a large open area on the left, a grid of smaller rooms in the center, and several smaller rooms and corridors on the right. The building's perimeter is defined by a series of small, rectangular protrusions and indentations, suggesting windows or doors. The overall style is minimalist and technical.

01

Public Spaces



A faint, light gray architectural floor plan serves as the background for the entire page. It features a large rectangular grid on the left side, a tilted grid structure on the right side, and various smaller geometric shapes and lines scattered throughout, representing walls, doors, and furniture. The overall style is minimalist and technical.

02

Communal Spaces





A faint, light-colored architectural floor plan is visible in the background. It shows a complex layout with various rooms, corridors, and furniture. Notable features include a large rectangular room with a grid of smaller squares (possibly a classroom or office), a circular room with a central point, and several long, narrow rooms. The plan is oriented diagonally across the page.

04

Office Spaces



A faint, light-colored architectural floor plan is visible in the background. It includes a staircase, a large open area with a grid pattern, and various rooms and corridors.

05

Office Gyms



— Discover

Rethinking layers of light through innovation

IMW™ Technology

Empower Freedom

Simplicity

Adaptability

Scalability

Architectural Appeal

Cost-effectiveness

WHAT IS STENCILFLEX?

WHY STENCILFLEX?

HOW DOES IT WORK?

02



— What is StencilFlex™?

A framework for limitless lighting design

StencilFlex is a simple, cost-effective delivery system for the layers of light you want, where you want them.

It features a sleek, versatile framework based on the Stencil® form factor. And it uses innovative IMW™ (Integral Modular Wiring), Nomadic™ and Empower technologies to wire in lighting inserts where needed and maximize design flexibility.

As a result, StencilFlex supports a simple design and installation process, highly creative layouts and affordable power distribution to lighting inserts.

Patented IMW technology is the highly cost-effective line-voltage backbone of the framework. Cables and wire-in terminals are already built into segments, so you don't have to worry about wiring and current-limiting devices. • Wiring is standard 277 V

- with standard 4" j-box at each power drop.
- Power/control cabling is concealed in suspension stems.
- IMW segments are prewired according to lighting control needs.
- IMW line-voltage terminals in each segment for powering/controlling Nomadic inserts.



The Nomadic system facilitates lighting insert interchangeability. Each insert is equipped with an IMW wire-in terminal and a hassle-free mini line voltage driver, eliminating the need to install remote drivers.

The Empower wireless platform promotes lighting design freedom by ensuring framework-wide connectivity with a mini control module in every insert. In addition, this worry-free wireless technology makes it easy to meet energy code requirements.

— Why StencilFlex™?

It's simple

The patented IMW™ line-voltage framework facilitates lighting project planning, budgeting, design and installation, including last-minute on-site modifications.

01

Prewired segments with rapid-wiring terminals

02

Wired 0-10V lighting control

03

Optional Empower wireless lighting control with available integral mini sensors and control modules

04

Patented stem levelling mechanism

05

Interchangeable Nomadic™ lighting inserts (with assistance of certified electrician)

06

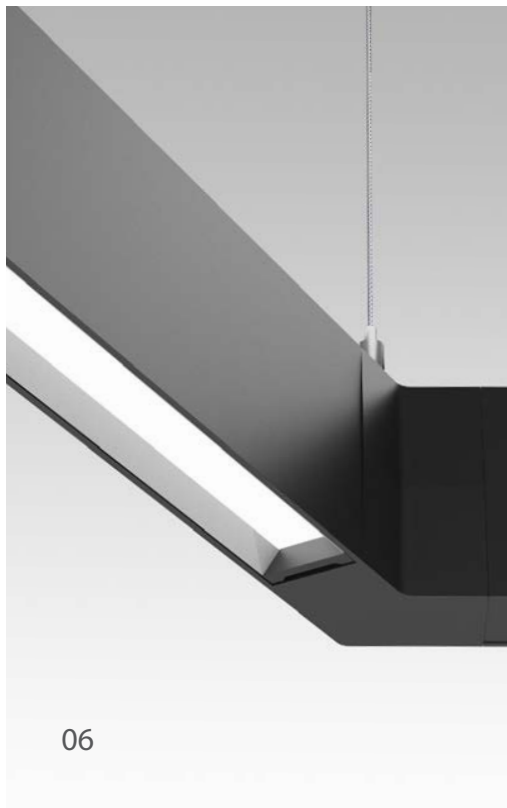
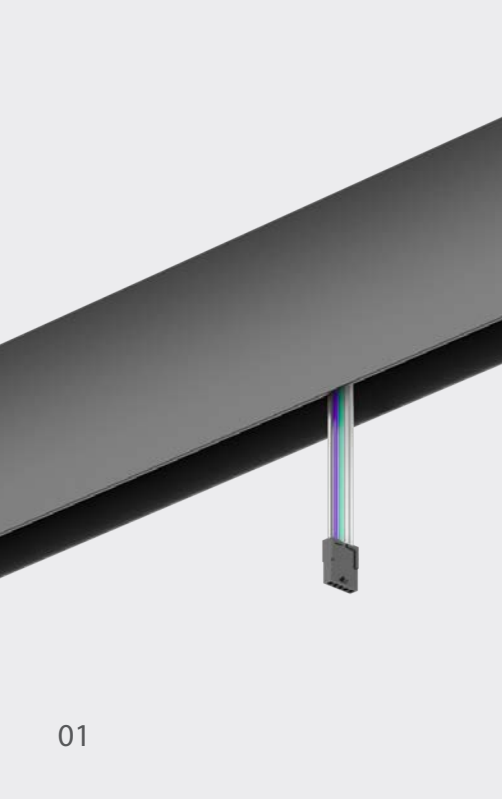
Full range of linear lighting elements

07

Wide selection of track and decorative lighting options including third party pendants

08

Easy-to-integrate acoustic panels



— Why StencilFlex™?

It's adaptable

If tasks, furniture and people can be moved around in a space, why not the lighting? And how does a designer integrate different, ever-changing lighting requirements in an open space, while remaining creative and relevant? With its innovative framework and flexible lighting inserts, StencilFlex meets those challenges and addresses evolving needs.

Building scale or room scale we meet all your code needs ashrae 90.1, emergency ul 924, and all your daylight and zoning needs.

01

Unlimited flexibility to build creative frameworks using Hubs

02

Frameworks adapt to every space and lighting task

03

Neighborhoods of light for different lighting applications

04

Layers of light only where needed

05

Blank inserts provided for clean architectural look where no lighting required

06

Full scalability to any building environment

07

Easy to modify, extend and adapt frameworks to evolving needs

Layout A

SO Lens
Stella 55
Helios Disk
Chime cylinder



Layout B

SO Lens
MikroLite®
Stella 55
SoftZone®



— Why StencilFlex™?

It's cost-effective

StencilFlex is the only adaptable building-scale lighting system providing energy code compliance using a cost-effective framework. Its line-voltage technology is value engineered for low-cost lighting and installation, optimal energy efficiency (lighting power density is kept to a minimum without external devices) and superior design freedom. You get what you need, nothing less, nothing more.

F.L.E.X line voltage framework meets your budget requirements.

01

Low-cost lighting and installation

02

System designed to facilitate meeting local energy and emergency code requirements based on ASHRAE/IESNA 90.1

03

Innovative AxisTrak™ Inserts enable cost effective use of track lighting elements only where needed

04

Built-in current limiting

05

Driver in every insert, so no remote driver panels



— How does it work?

A framework you build on

The beauty of StencilFlex is in its design simplicity. Using a building block approach, StencilFlex components can be added, extended or adjusted at any time. The design process begins with the line voltage framework.

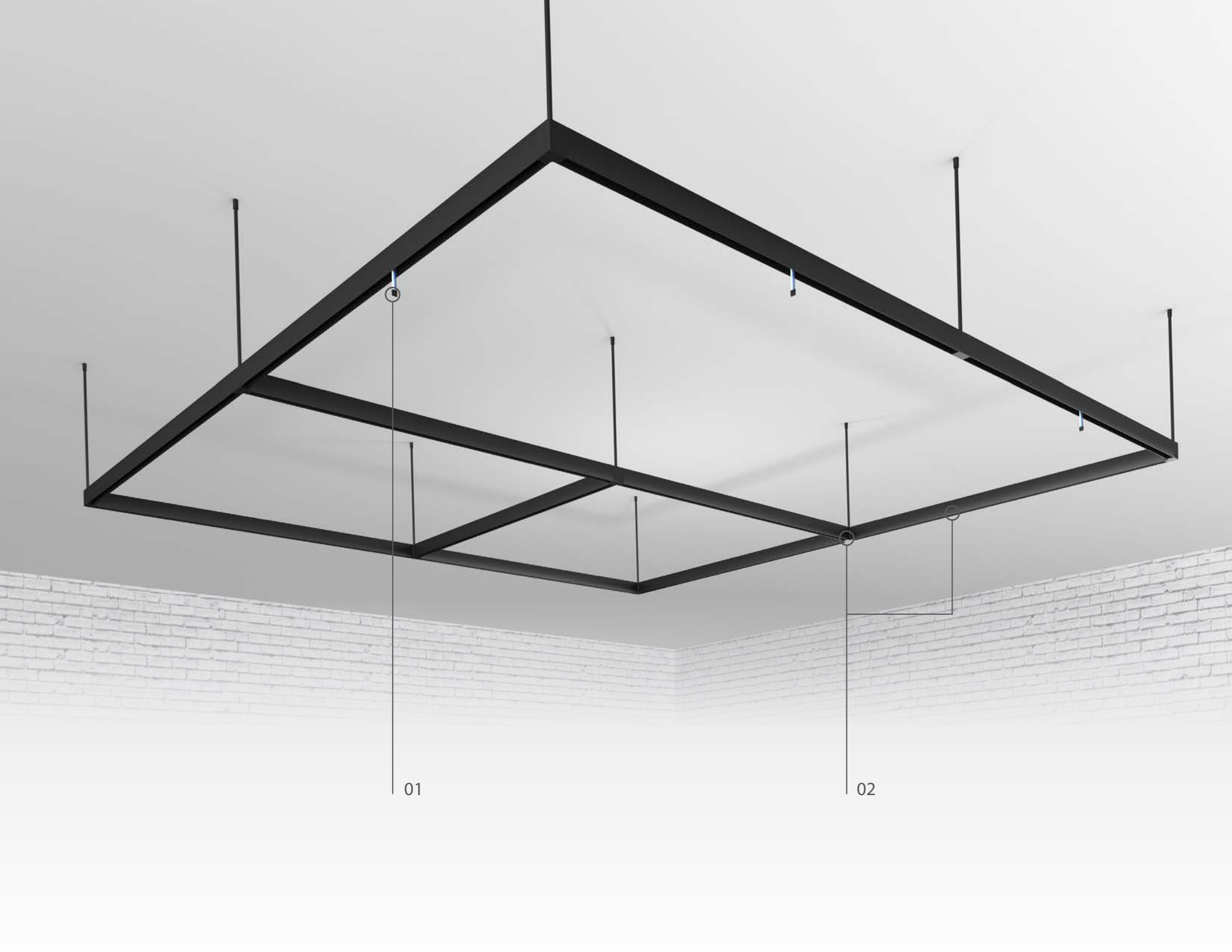
Map out neighborhoods of light to address specific lighting requirements or applications (e.g. recreation area, breakout space, workstations, collaborative nook, conference table, perimeter lighting, etc.).

01

Design one or multiple patented IMW™ frameworks to bring layers of light where required, based on space usage and size, and creative intent.

02

Use segments and Hubs to create repeatable geometric forms (triangle, parallelogram, hexagon, square, custom shape, etc.) throughout the framework and ensure design consistency.



01

02

— How does it work?

Integrated Emergency Lighting Capability

Unlike low-voltage track systems, StencilFlex is suited for emergency lighting because emergency systems can draw power through circuit-based wired and wireless controls platforms.

As a result, StencilFlex offers true building-scale solutions.

- No supplemental power source required, as for standard low-voltage systems
- StencilFlex 0-10V lighting control is already circuit-based
- Empower connects directly to emergency circuit using an UL924-certified relay

03

Choose a lighting control solution based on the desired resolution: a simple 0-10V wired framework or an advanced, fully integrated Empower wireless framework.

04

Add linear direct or indirect lighting inserts where required.

05

Add track elements and decorative pendants where required.

- Use AxisTrak™ Inserts for track heads and on-track decorative luminaires, including any brand of pendant.
- Use Mini Power Inserts for in-segment decorative luminaires, including any brand of pendant.

06

Add layers of sound attenuation as required, using SoftZone® acoustic panels.



03

04

05

06

— Build

Reshaping layers of light through design simplicity

Easy to plan

Easy to wire in

Easy to manage

Easy to expand

Easy to budget

Easy to install

FRAMEWORK

CONTROLS

LINEAR LIGHTING

TRACK ELEMENTS & DECORATIVES

ACOUSTIC PANELS

03



— Build

A customizable approach

Superior Efficiency

With StencilFlex, the architect can shape the frameworks while the lighting designer develops lighting insert layouts, the electrical engineer maps out controls, emergency lighting and circuits, and the acoustic consultant designs SoftZone® panel implementation.

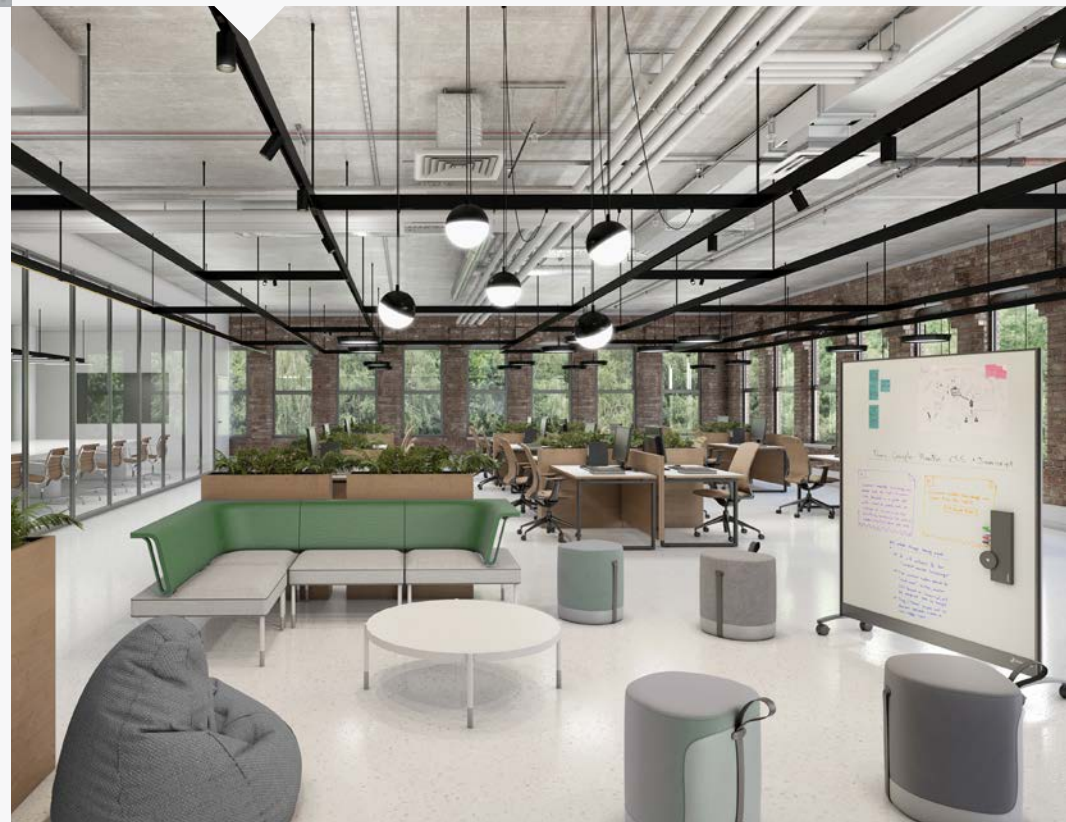
Maximum Creativity

Start by building a suitable framework for the area to illuminate and by selecting your controls platform. Then add layers of light as required: linear lighting (direct, indirect, direct-indirect), track elements using AxisTrak™ technology, Axis decorative luminaires, third-party pendants, and even acoustic panels.



Optimal Adaptability

At any point in time, you can stretch a layer to meet scalability needs. Or simply add to it to bring more lighting, controls or sound attenuation in a space. Move elements around. Expand your framework. Add illuminated areas. Choose your control zones. The creative advantage is yours.



— Framework

Framework

Be creative

Frameworks come prewired with Axis's patented IMW™ (Integral Modular Wiring) technology. StencilFlex™ lets you design innovative, lighting-ready grid forms using Hubs, IMW™ segments and suspension elements.

Establish your grid in a single space or throughout the building, based on your lighting needs. Capitalize on the framework's flexibility to deploy IMW segments along the perimeter, in strategic zones, over circulation areas and in other neighborhoods of light. Expand the framework by adding segments without the need for remote drivers, nor additional power cords or current-limiting devices.

Explore your framework design options

> Hubs

Create your form
to bring light where
required

> IMW™ Segments

Build a prewired
grid to fit your needs

> Suspension

Heighten the effect



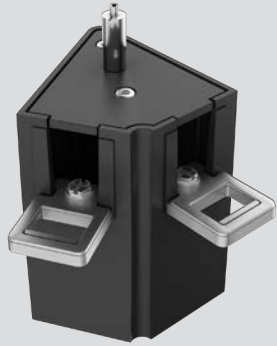
___ Framework

Hubs

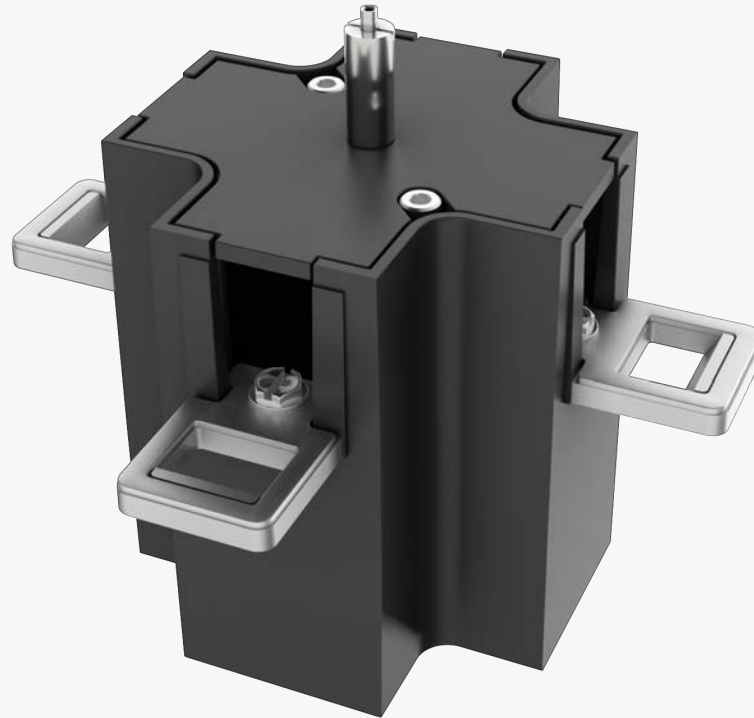
Create your form to bring light where required

Design framework patterns of all sizes using Hubs, the key to StencilFlex™ flexibility.

- Patented die-cast, steel-reinforced non-illuminated soft-corner connectors
- Combination of mechanical, communications/electrical wireway and suspension functions
- Easy to install with single captive spring-loaded screw mechanism
- Ideal for creating custom patterns and shapes suited to the space

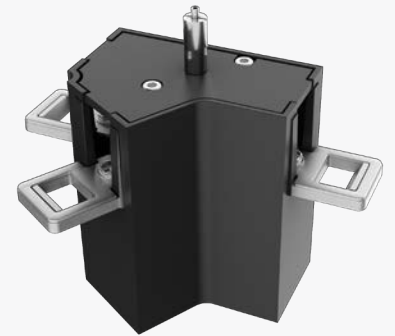
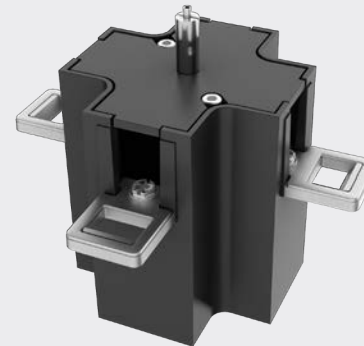
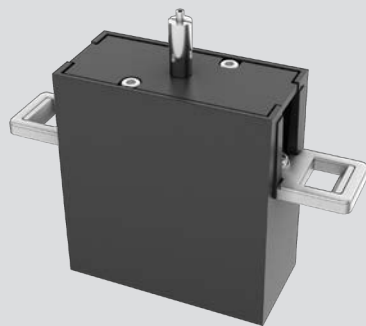
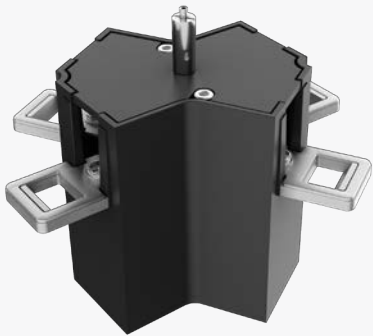


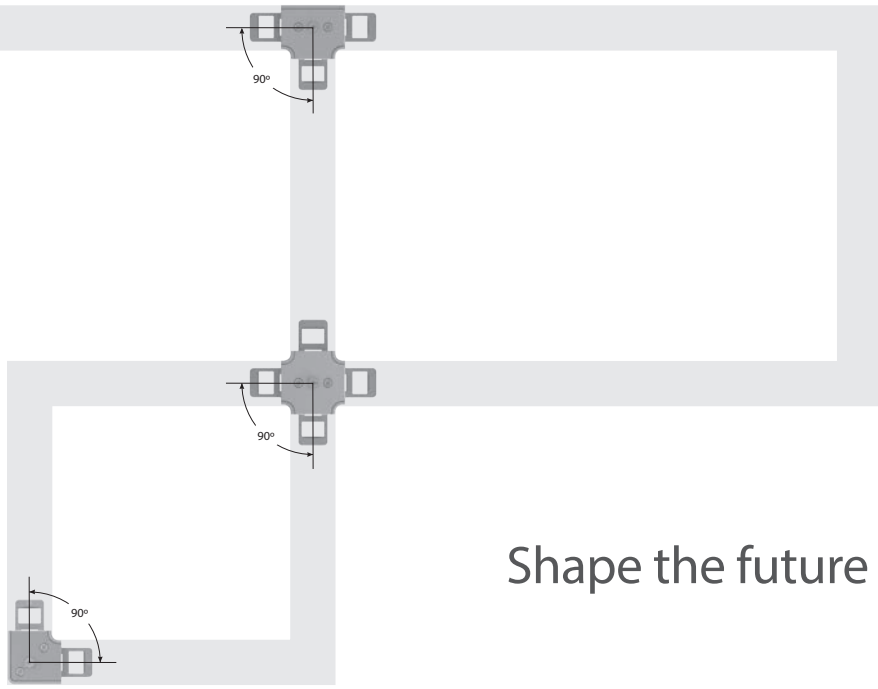
Made of layered steel
and die-cast aluminum



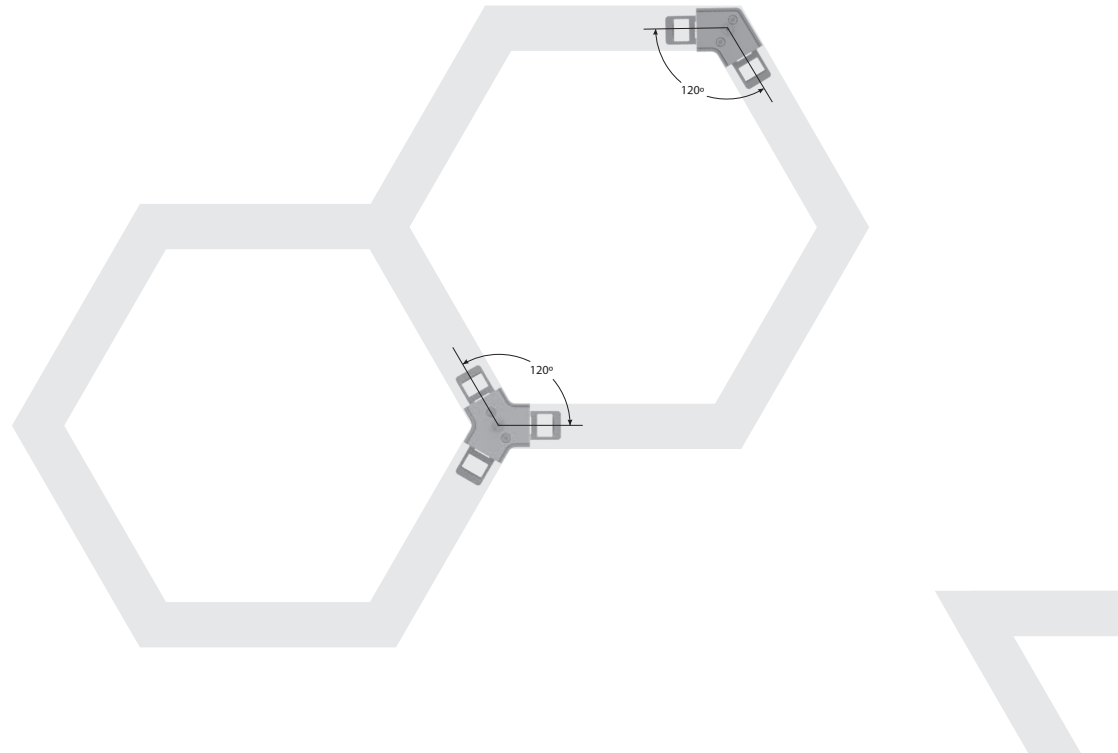
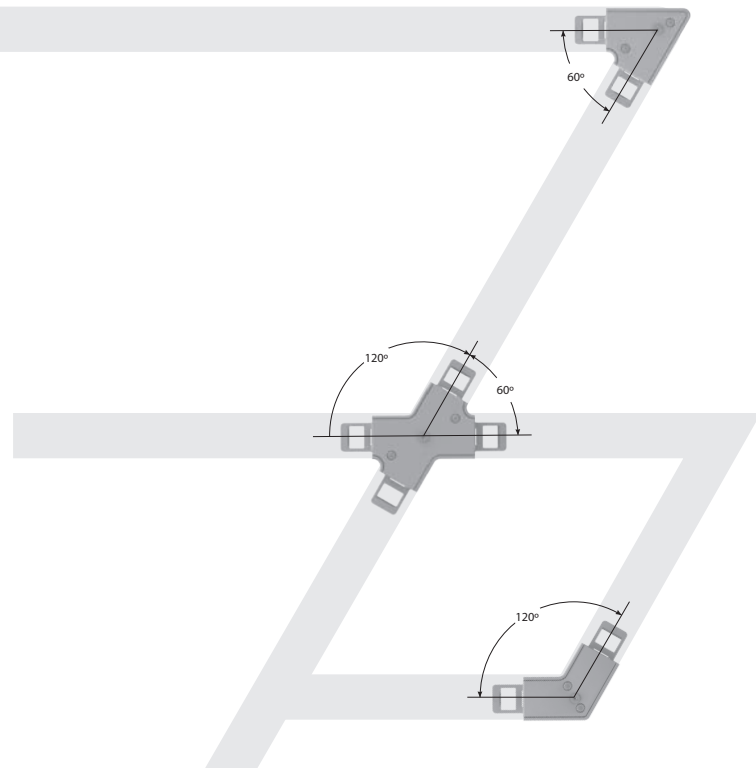
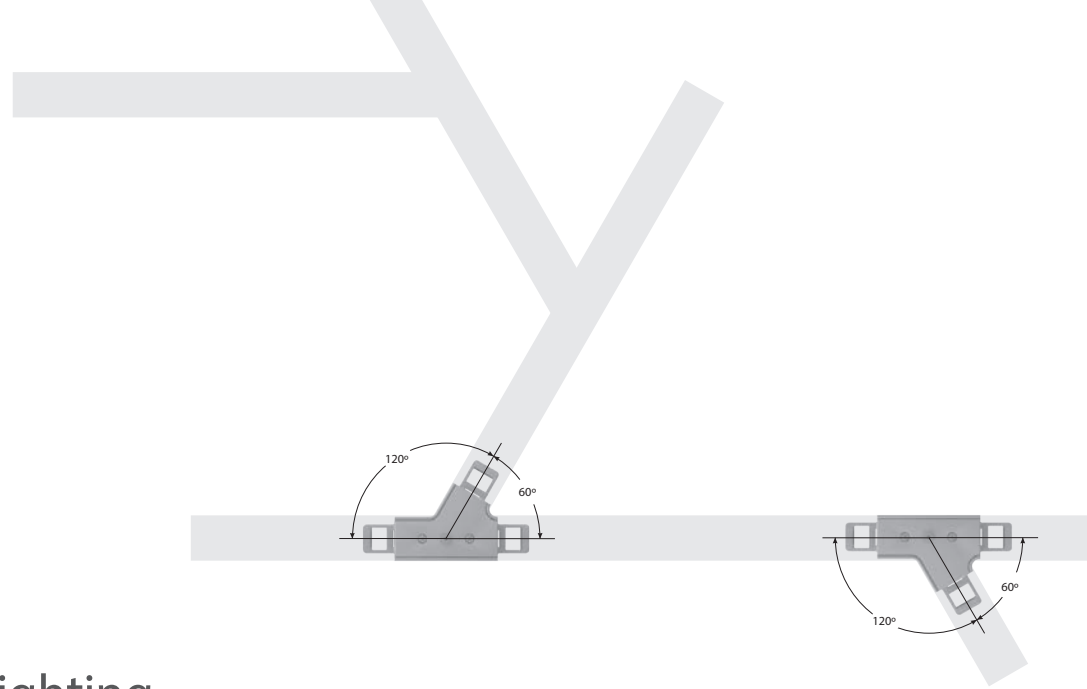
11 Hubs

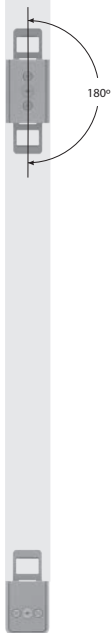
Choose from 11
StencilFlex Hubs to
create multiple grid
shapes and patterns.





Shape the future of lighting

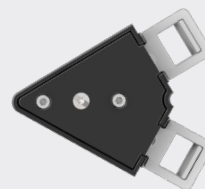




Choose from 11 StencilFlex Hubs



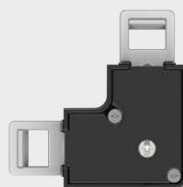
Inline Hub (180°)



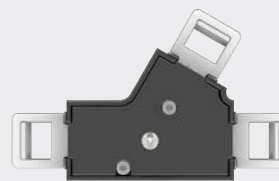
Triangle Hub (60°)



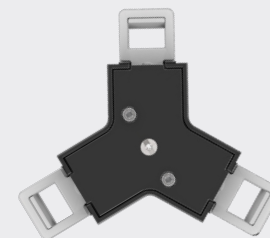
Hex Hub (120°)



L Hub (90°)



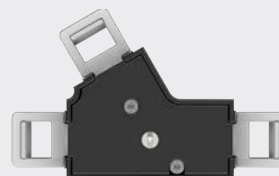
Negative Y Hub (60°/120°)



Y Hub (120°)



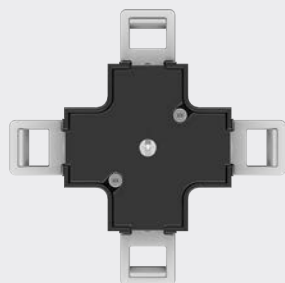
T Hub (90°)



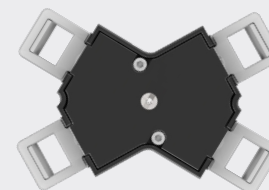
Positive Y Hub (120°/60°)



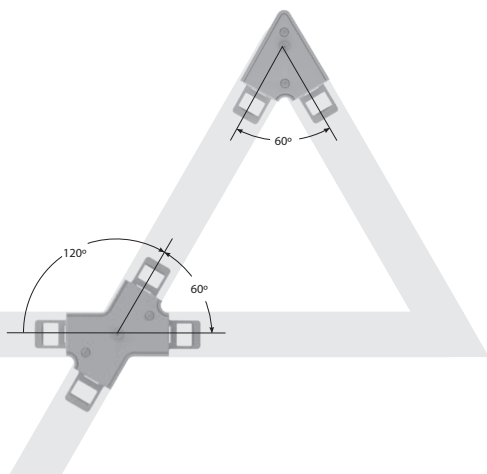
End Cap Hub



X Hub (90°)



X Hub (120°)



— Framework

Patented IMW™ Segments

Build a prewired grid to fit your needs

Deploy your framework design using IMW segments from 3' to 8' (1' increments). Each segment comes prewired and acts as a line-voltage wireway for multiple lighting tasks available through lighting inserts.

StencilFlex segments accommodate a variety of Nomadic™ inserts:

- Linear lighting inserts: choice of direct, indirect, direct-indirect, including MikroLite® downlights and wall washing
- AxisTrak™ Inserts (for track elements and decorative pendants)
- Mini Power Inserts (for decorative pendants)

Need to scale
up the design?

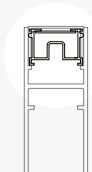
When designing your framework, you can easily extend the lighting layout. Simply add more IMW segments and the appropriate Hubs to conveniently spread out the framework.



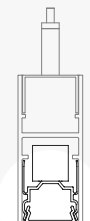
Nomadic™ technology

With the Nomadic™ system, each lighting insert is equipped with an IMW wire-in terminal and an integral mini line voltage driver. As a result, Nomadic inserts are easy to install and interchangeable, making last-minute on-site modifications a breeze. Simply ask your electrician to swap one insert for another in the framework.

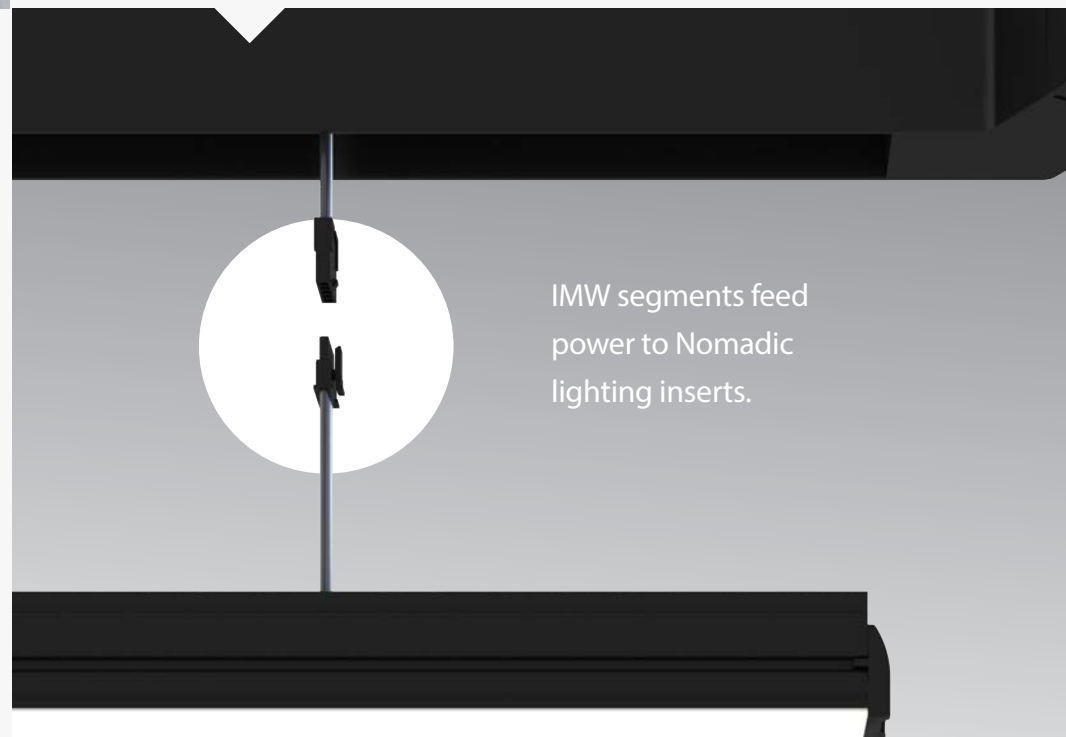
StencilFlex segments include two cavities, enabling the combination of direct and indirect lighting.



Indirect lighting



Direct lighting



IMW segments feed power to Nomadic lighting inserts.

— Framework

Suspension

Heighten the effect

Choose between stem and cable suspension options that mount directly on Hubs. Cable mounts are fully adjustable, whereas stems offer adjustability at the canopy. Stems also serve to conceal power wires, ensuring a streamlined look.

The right level of simplicity



Stem

Patented stem levelling mechanism, allowing up to 1" adjustments. Choose from 1', 2' or 3' stem.

Cable

Cable lengths cut to your specification.



— Controls

Controls

A choice of lighting control platforms

StencilFlex™ lets you choose between 0-10V and Empower wireless lighting control options for your framework. Both can be personalized to meet your needs.

The right resolution

Which lighting control resolution do you require? Wired low-voltage controls allow you to manage an area or a circuit including multiple lighting inserts. Empower wireless controls are more granular and flexible, allowing you to control individual IMW™ segments and to customize luminaire groupings.

Control lighting with ease and confidence.

> Wired controls

Standard

0-10V zoning

> Empower

wireless controls

Bring your lighting
design to life

Built-in Intelligence
Axis supports low-voltage and wireless options by ensuring that every StencilFlex segment is fully prewired and equipped with the proper lighting controls. Intelligence is built-in to the system for optimal convenience, form and function.

Easy to specify, build and commission
StencilFlex systems are controls-ready, meaning all lighting control options (e.g. dimming, daylighting, occupancy) from your favorite vendors have been prevetted, tested and seamlessly integrated.



— Controls

Wired Controls

Standard 0-10V zoning

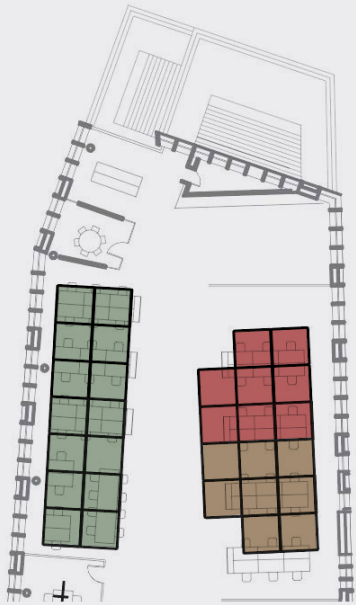
In its most basic form, StencilFlex™ lets you control lighting using a prewired framework with pre-zoned inserts. StencilFlex is also compatible with all circuit-based wireless control systems.

Wired 0-10V system

AREA-BASED

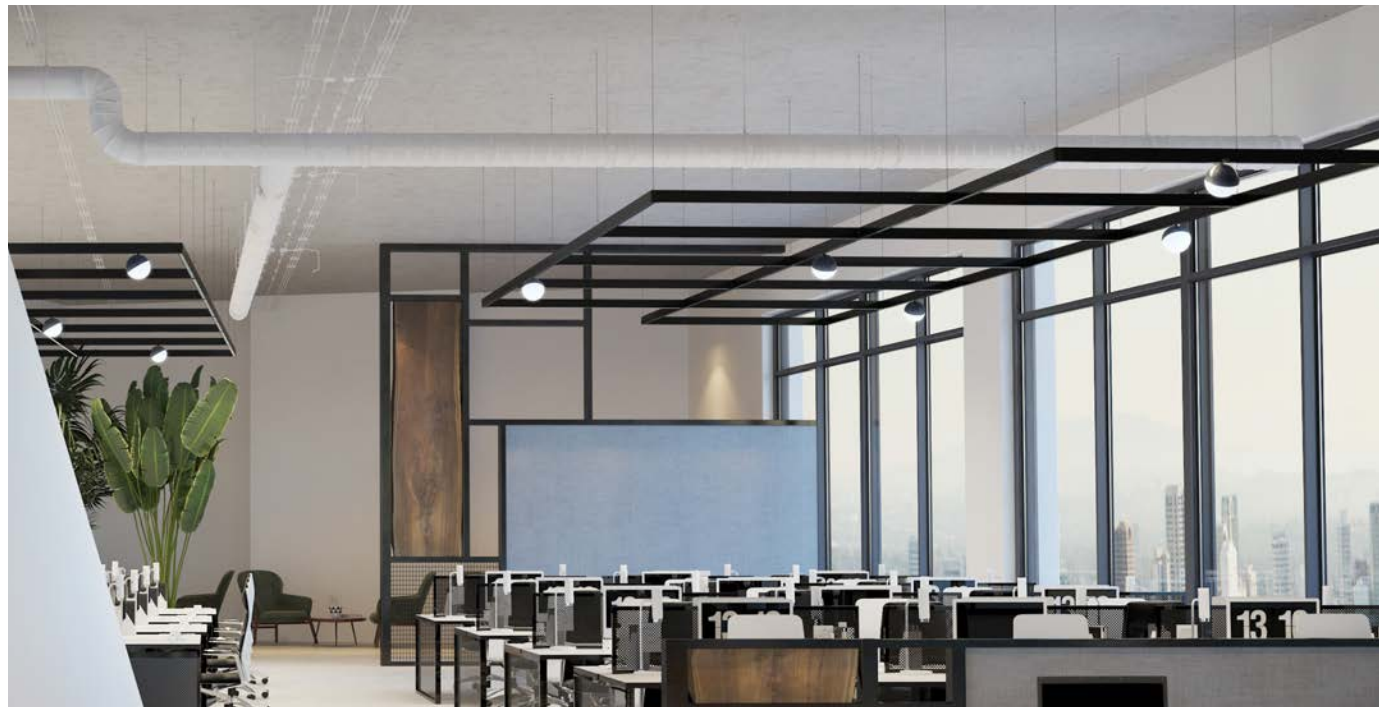
RESOLUTION

- Control area groupings of lighting inserts
- Integral mini line-voltage driver in every Nomadic insert
- Integral wiring throughout StencilFlex framework
- Supports multiple fixed circuits with separate D/I control
- Conceals cables for power drops with Stem Mount



With a 0-10V wired system, lighting control is circuit-based. So you can control groupings of light in a specific area. Direct and Indirect Nomadic™ inserts are on different circuits.

StencilFlex is suited to all the leading circuit-based wireless systems.



— Controls

Empower Wireless Controls

Bring your lighting design to life

Empower design freedom at all levels without having to worry about controls, with a resolution of one, namely a single lighting element.

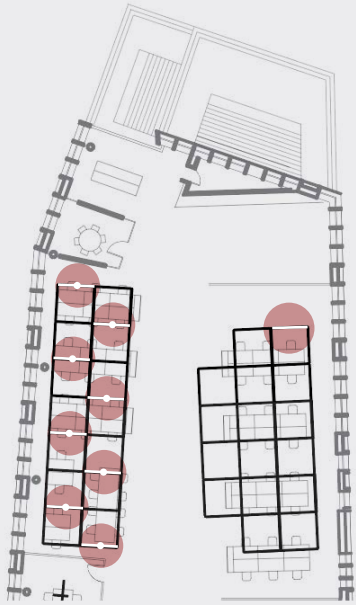
With Empower by Axis, every lighting insert is equipped with a mini driver and a mini control module, ensuring full connectivity and control.

StencilFlex™ Empower uses the latest open-standard lighting control technology to provide a versatile, low-cost and worry-free wireless communications backbone that talks to each and every light source.

Worry-free

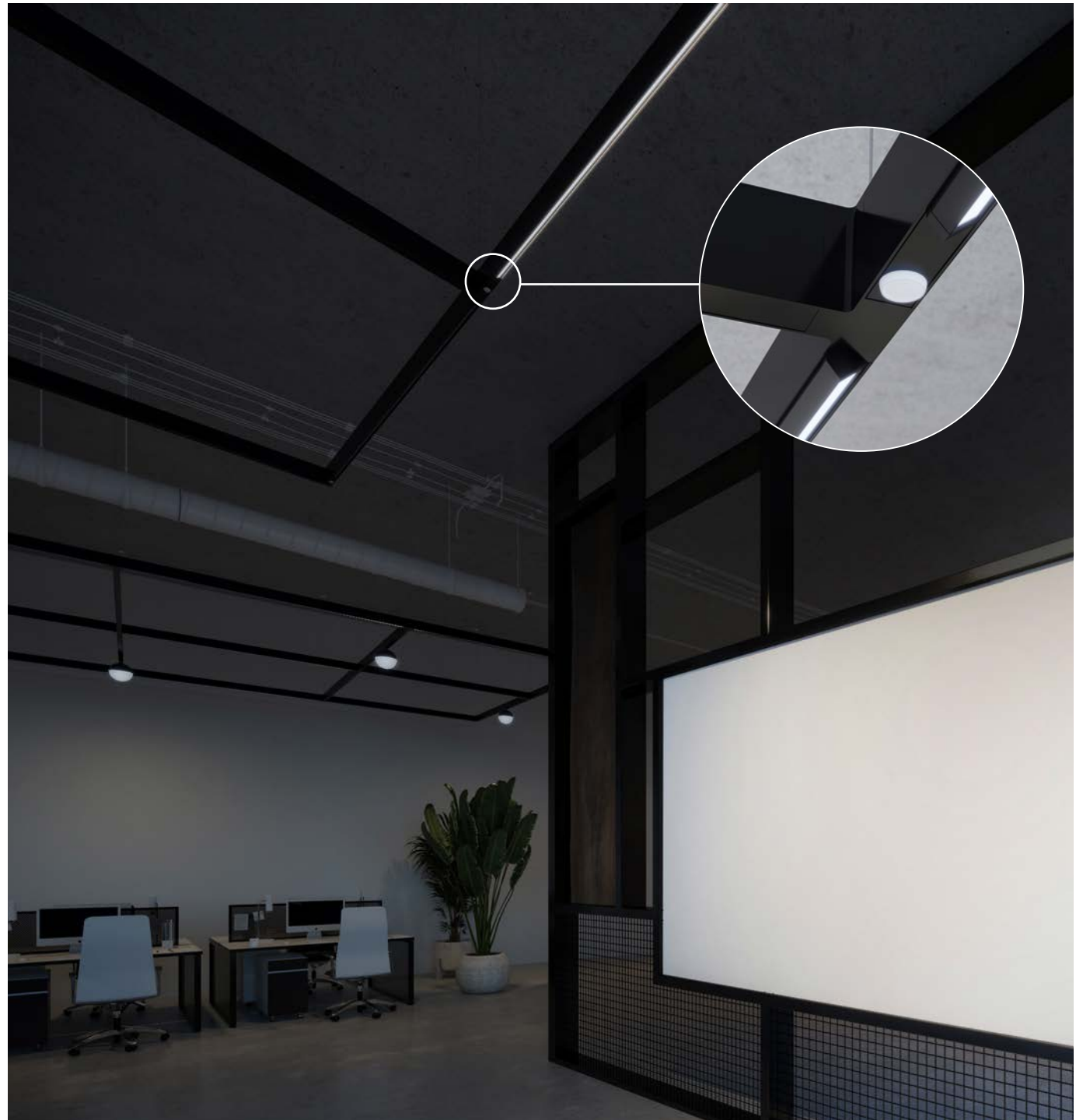
It's worry-free from a lighting control point of view because open protocols facilitate wireless programming through application software provided by qualified Empower partners.

It's worry-free from a lighting design point of view because built-in intelligence means that wireless control is available in every insert, at all times. Move the insert, the control moves with it.



Greater precision

With an Empower wireless system, lighting control is at the driver level, ensuring greater precision. Every IMW™ segment can be controlled independently. Direct and Indirect Nomadic™ inserts are programmable to enable that independent control.



— Controls

Empower Wireless Controls

Wireless system

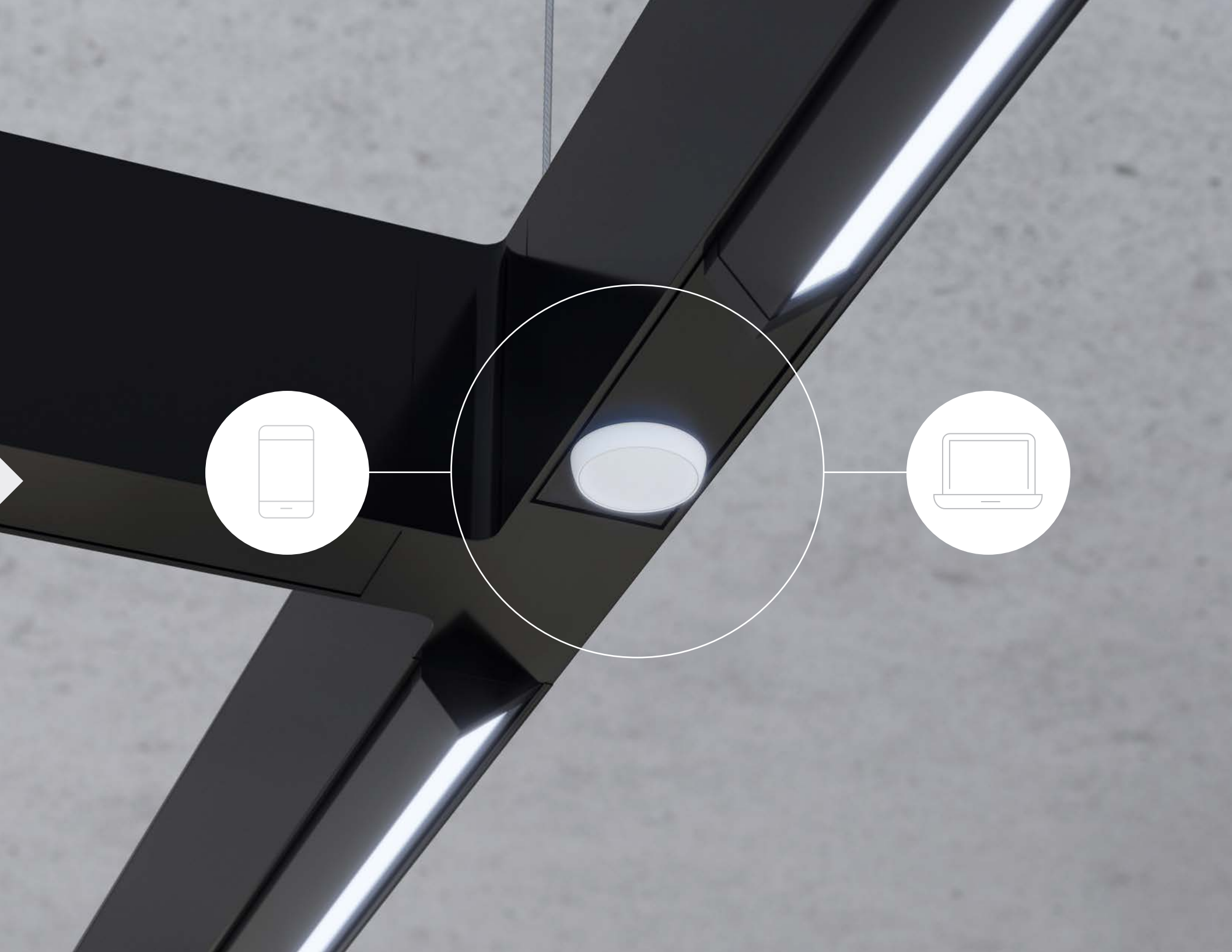
Segment-based resolution

- One mini control module (sensor &/or radio) per Nomadic insert
- Qualified Empower partner software controls lighting through module, which commands mini line-voltage driver in the insert
- Wireless control of individual Linear lighting inserts, AxisTrak™ Inserts and decorative pendants powered by Mini Power Inserts
- Designed and tested to be interoperable with many lighting controls manufacturers
- Wireless controls can be reconfigured after installation
- Empower system supports DALI, DALI 2 and D4i
- Qualified Empower partners include leading wireless lighting controls manufacturers.

An advanced, highly flexible platform

Empower puts you in the driver's seat... Create groupings at will. Tell each layer of light what to do, how to do it and when to do it. Change it all from the convenience of your phone or laptop.

Patented integral mini sensor and mini control module ensure connectivity with application software provided by qualified Empower partners.



— Linear Lighting

Linear Lighting

Field adjustability made easy

Nomadic™ linear inserts offer a selection of direct and indirect lighting elements featuring precision optics.

- Linear insert lengths from 3' to 8' (to fit segments)
- Fully interchangeable inserts (electrician required)
- Inserts combine LEDs, optics and rapid-wiring terminals suited to IMW™ segments
- Integral mini line-voltage driver in every insert

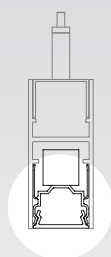
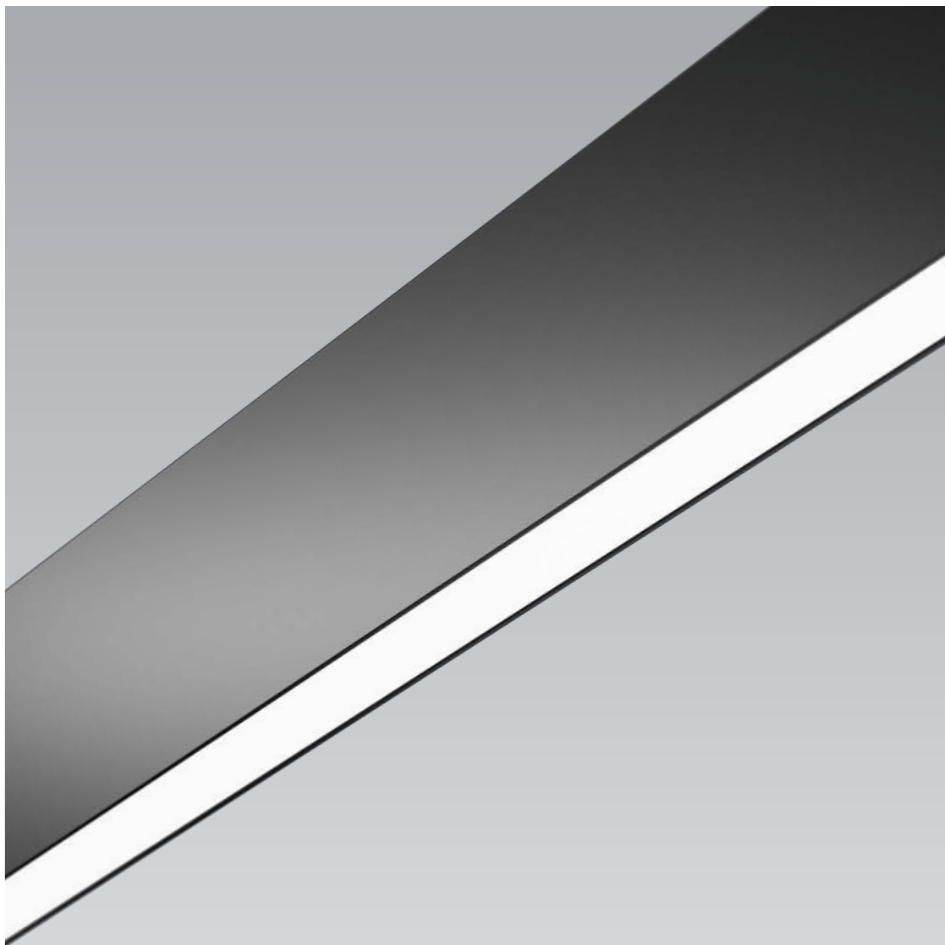
> Direct Optics

A comprehensive
downlighting kit

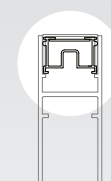
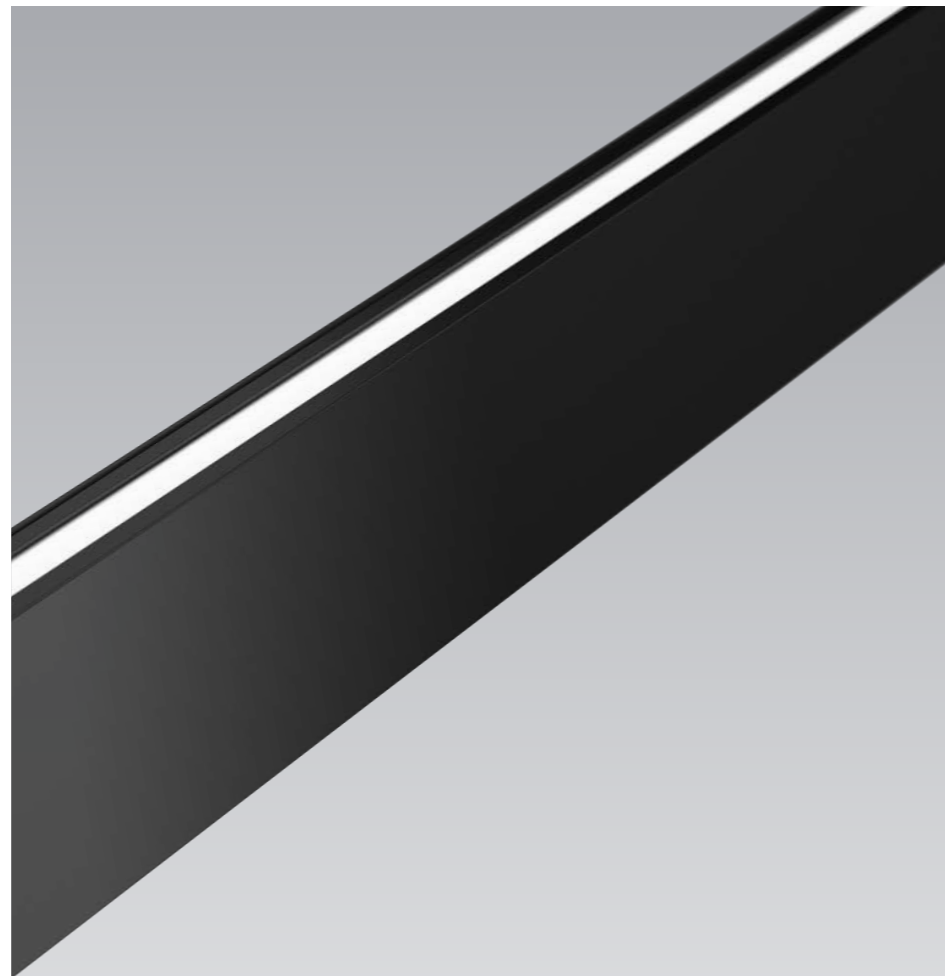
> Indirect Optics

Uplighting powered
by SurroundLite™

StencilFlex segments
include two cavities,
enabling the
combination of direct
and indirect lighting.



Linear direct insert



Linear indirect insert

— Linear Lighting

Direct Optics

A comprehensive downlighting kit

- Uniform, glare-free luminous lines of light
- 6 direct lighting inserts to choose from
- Blank inserts supplied for unused segment cavities

LOUVER 60

LOUVER 70

FLUSH LENS

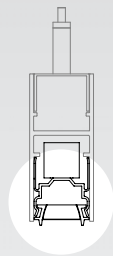
REGRESSED LENS

MIKROLITE®

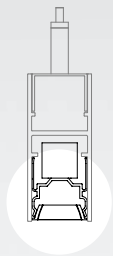
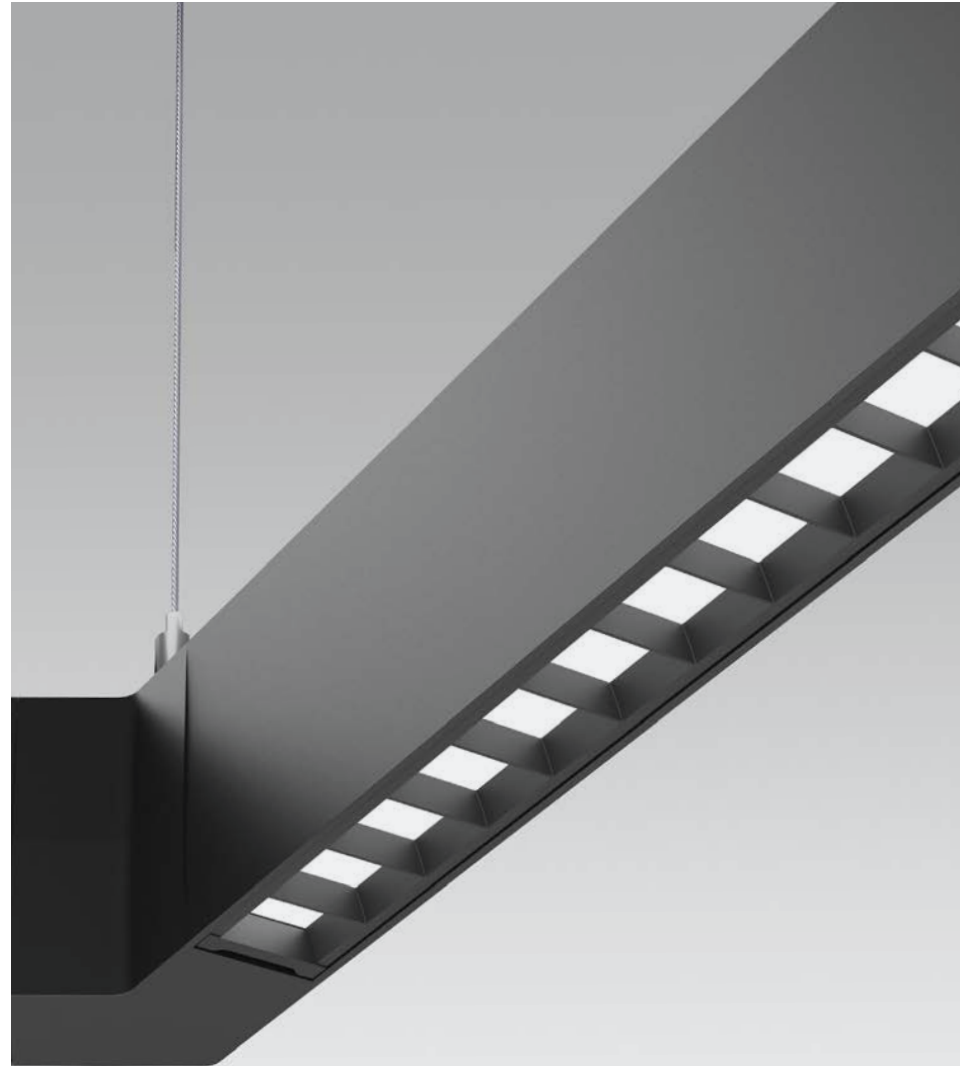
WALL WASH

BLANK

BLANK REGRESSED

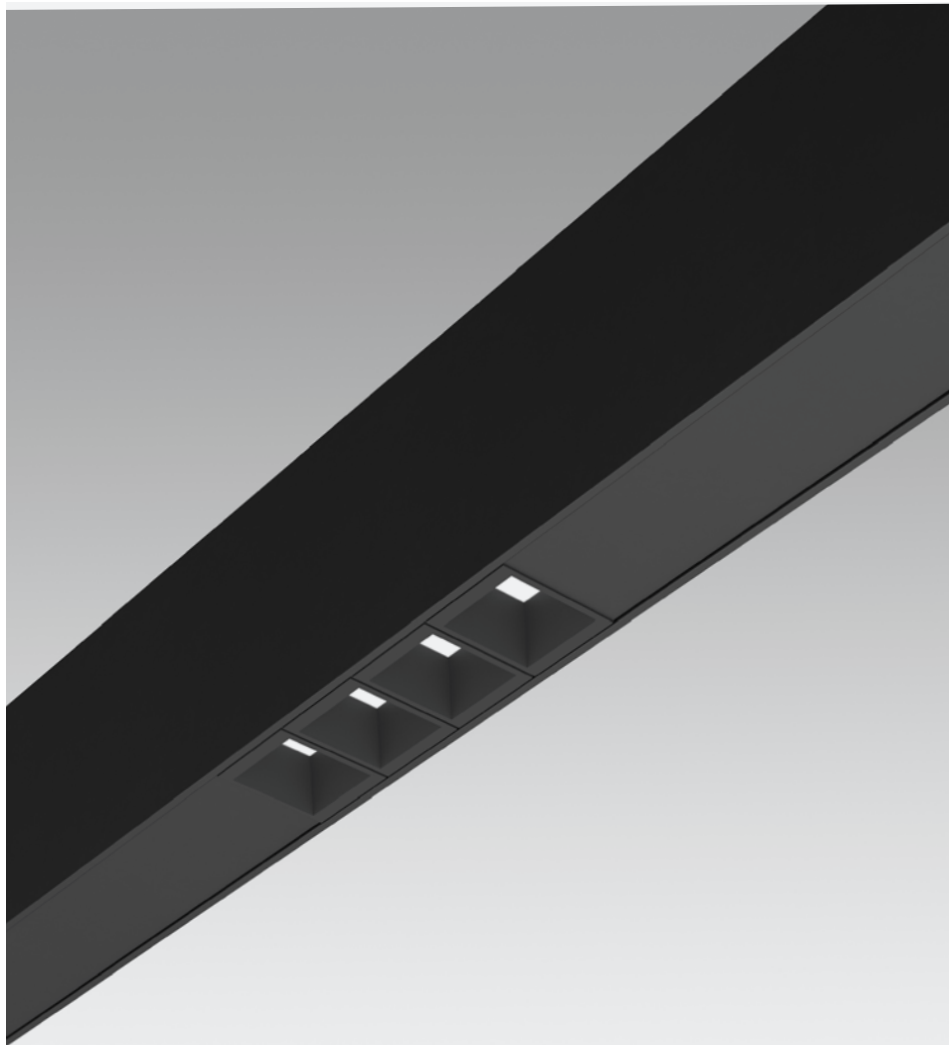


Louver 60

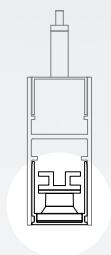


Louver 70

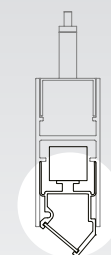




- 4-cell modules, 4" length
- 500 lm per module
- Narrow or wide beam
- 80 or 90 CRI
- 3 modules per segment



MikroLite®



Wall Wash

— Linear Lighting

Indirect Optics

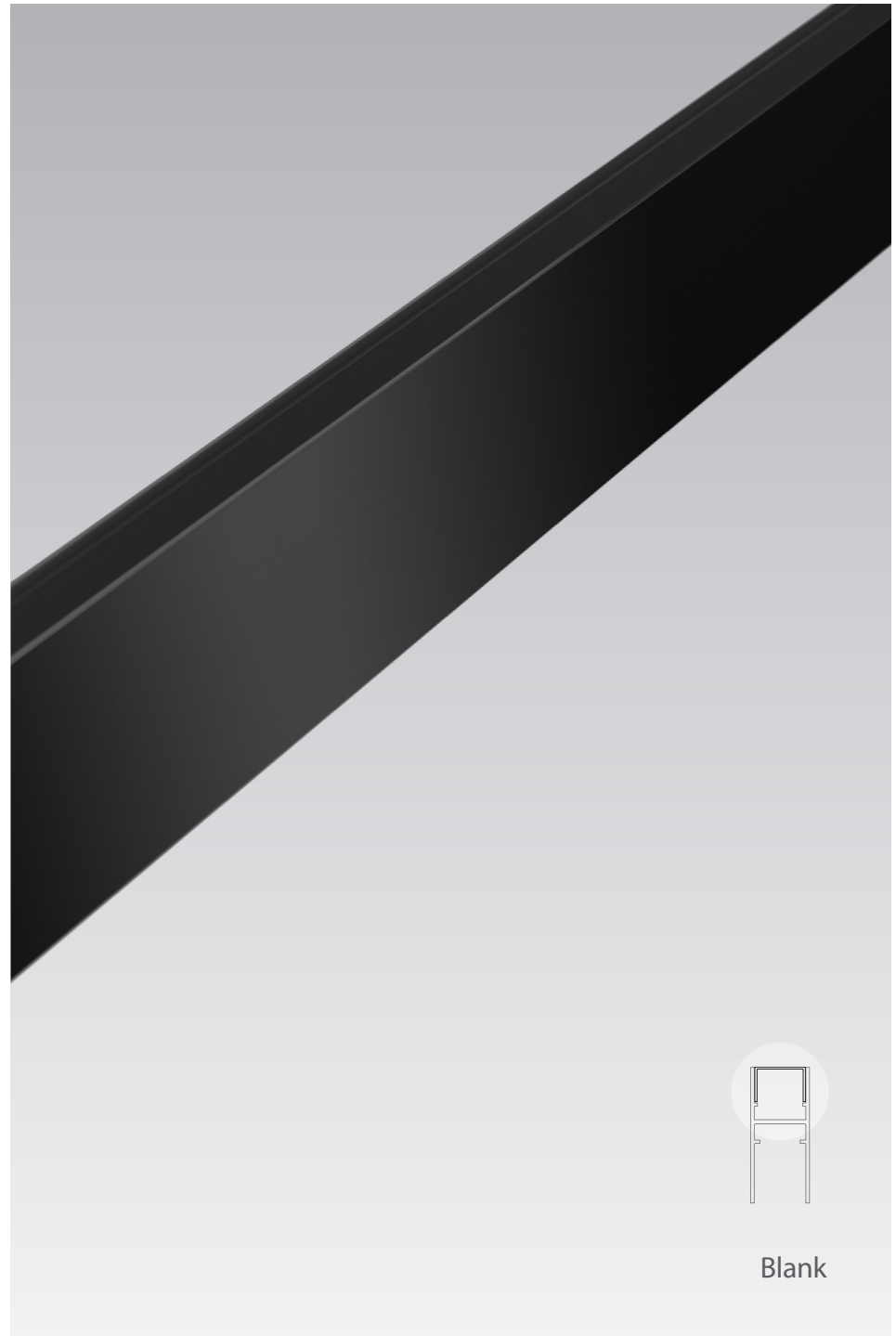
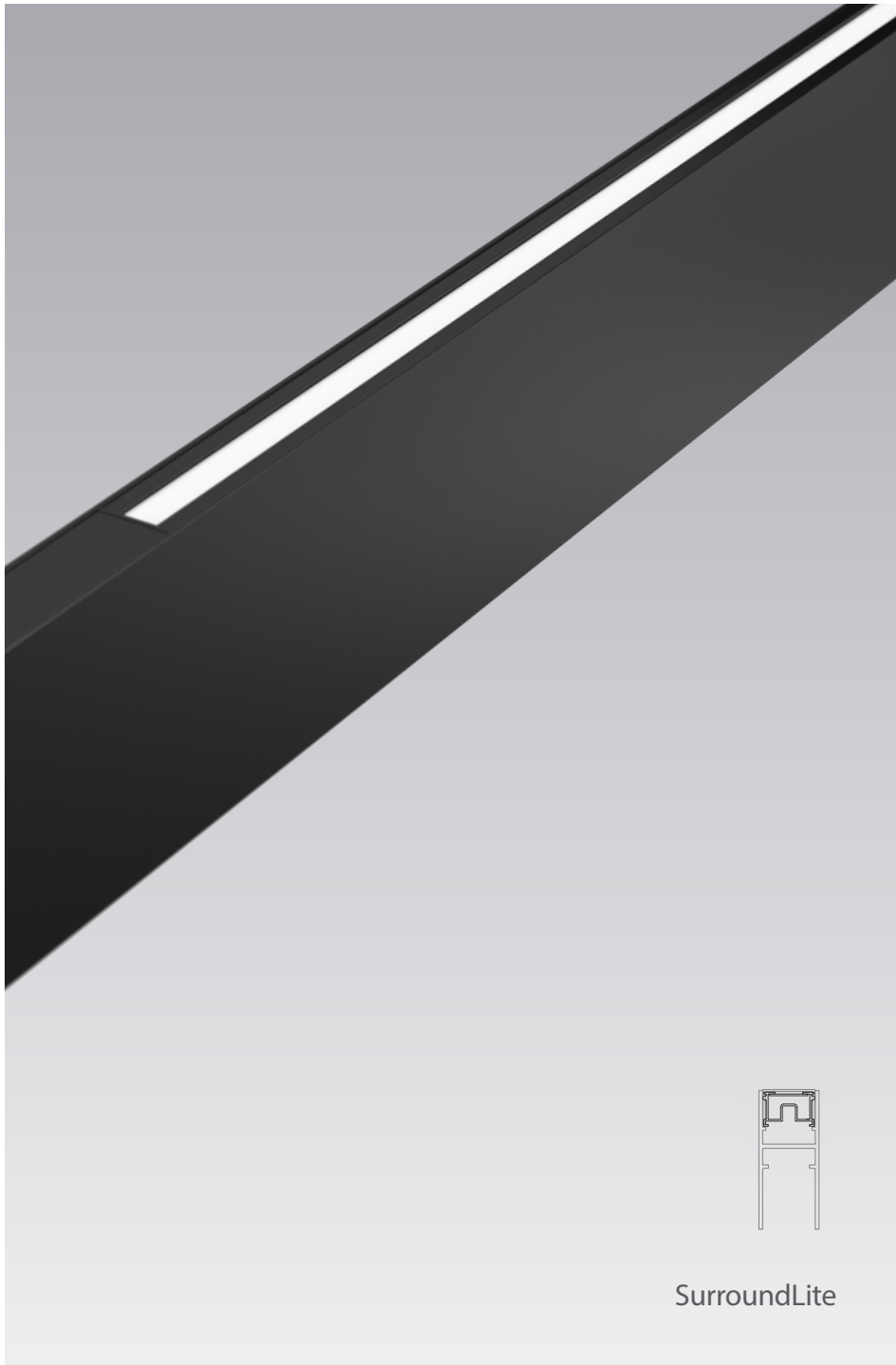
Uplighting powered by SurroundLite™

Featuring patented lightguide technology, SurroundLite indirect optics open up the space with the promise of uniform ceiling brightness. The multidimensional distribution ensures light is directed in all three planes and sent in every corner of the room. Blank inserts are supplied for unused segment cavities

Discreetly add volume to the space

SurroundLite Features

- Wide, 3D spherical batwing distribution
- High-efficacy lighting performance
- Balanced brightness
- Superior visual comfort and facial recognition
- Exceptional vertical light, especially suited to retail environments
- Eliminates the cave effect



— Mounting Systems

Mounting Systems

Complementary lighting to enhance the space

StencilFlex™ offers a vast selection of track elements and decorative pendants to supplement linear lighting inserts. They can be installed using up to three mounting options summarized below.

AxisTrak™ Insert

Track lighting elements are prewired to AxisTrak adaptors for full adjustability along the AxisTrak insert.

Mini Power Insert

Axis decorative pendants are prewired to Mini Power Inserts for easy wiring in and installation on StencilFlex segments.

Junction box

Standalone mounting of decorative lighting elements directly on standard junction box. Canopy provided with no need for remote driver boxes.

> AxisTrak™

> Mini Power Insert

Mounting Compatibility

- Track lighting elements are only compatible with AxisTrak Inserts.
- Decorative lighting elements can be mounted on AxisTrak Inserts, Mini Power Inserts and junction boxes.
- Third-party pendants can be installed on AxisTrak Inserts and StencilFlex segments using Universal Adaptors (see page 114).



— Mounting Systems

AxisTrak™

Enabling an appealing layer of track lighting options
Newly developed by Axis, patent-pending AxisTrak technology is a cost-effective alternative to standard track lighting. For maximum cost-effectiveness, use AxisTrak lighting only where required on your StencilFlex framework.

AxisTrak Inserts combine the engineering value of StencilFlex with the precise aiming and flexibility of track lighting. This translates into a price tag and installed cost that is far lower than for traditional track systems.

Features

- AxisTrak lighting elements come prewired with AxisTrak on-track adaptors
- Innovative low-voltage track system allowing fully adjustable track elements
- Lightweight minimalist design with no remote drivers
- AxisTrak inserts from 3' to 8' (to fit segments)
- IMW™ compatibility with StencilFlex segments
- Interchangeable inserts (electrician required)
- Integral constant-voltage driver (48V)

- Multiple power levels (15 W/ft to 7.5 W/ft) to ensure code compliance
- Compatible with standard 0-10V and Empower wireless control
- Integral control module to connect with patented mini sensor
- Available Universal AxisTrak Adaptor to connect third-party pendants (page 114)
- AxisTrak is also available in Stencil® Surface and Sculpt™ recessed (see axislighting.com/innovations/axistrak)



AxisTrak Inserts feature an innovative, streamlined low-voltage track design.



— Mounting Systems

Mini Power Insert (MPI)

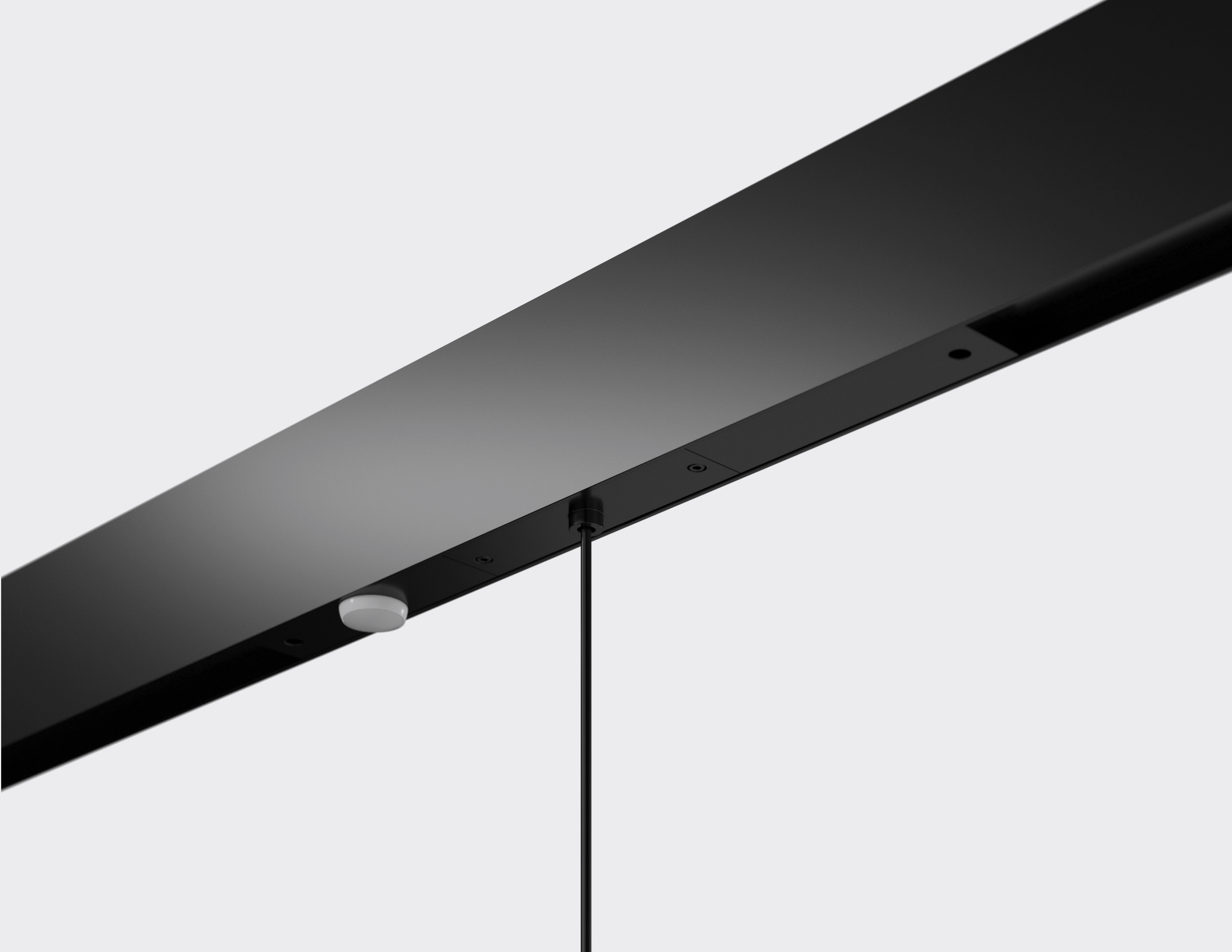
Adding flexibility for decorative pendant lighting

Use the MPI mounting option for the most cost-effective way to integrate Axis decorative pendants in a StencilFlex framework.

The Mini Power Insert provides unlimited decorative lighting options for StencilFlex.

Features

- Axis decorative pendants come prewired with Mini Power Inserts
- Field-cuttable blanks provided to fill in unused part of segment cavity
- Constant-current integral mini driver included
- IMW™ compatibility with StencilFlex segments
- Fully interchangeable module (electrician required)
- Available patented mini sensor
- Available Universal MPI Adaptor to connect third-party pendants (page 114)
- MPI length: 14"



— Track Elements & Decoratives

Track Elements & Decoratives

StencilFlex™ offers a vast selection of track elements and decorative pendants to supplement linear lighting inserts. Add character to your layout with a range of elegant, functional track elements and decorative pendants.

- > Stella Spotlight
- > Constellation
Projector
- > Orbit Tube
- > Luna Orb
- > Chime Taper
- > Chime Cylinder
- > Helios Disk
- > Pendant
Swag Mounting
- > Universal Adaptors



— Track Elements & Decoratives

Stella Spotlight

Accent lighting goes spatial with the Stella family of AxisTrak spots.

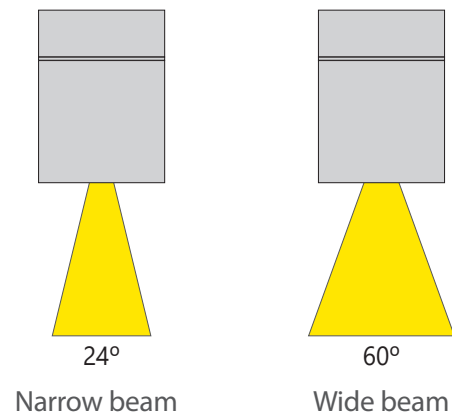
- Two sizes
- Two finishes: White or Black
- 359° rotation
- Choice of beam angles





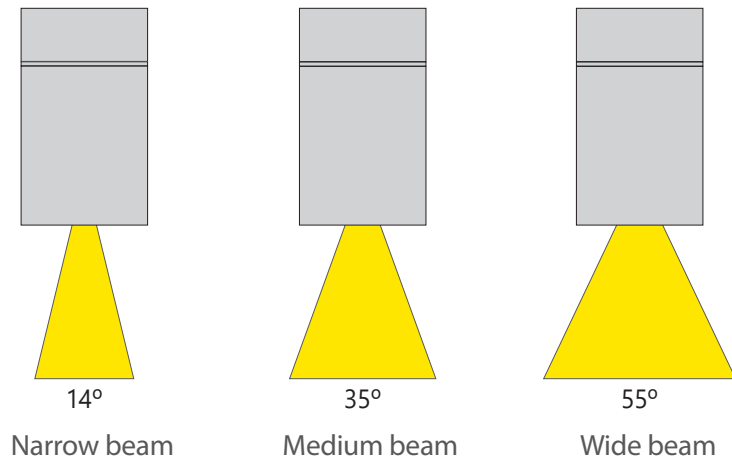
— Track Elements & Decoratives

32



— Track Elements & Decoratives

55





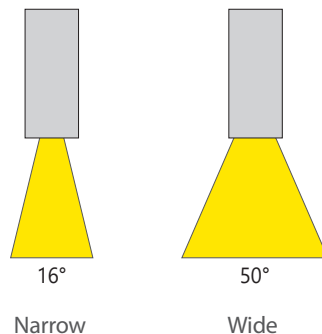


— Track Elements & Decoratives

Constellation Projector

The stars align with the Constellation Projector. Illuminate with precision and bring out the best in architectural elements. Draw attention with the superior aiming flexibility of 359° rotation and 90° tilt.

- Adjustable tilt
- Two finishes: White or Black
- 359° rotation
- Choice of beam angles







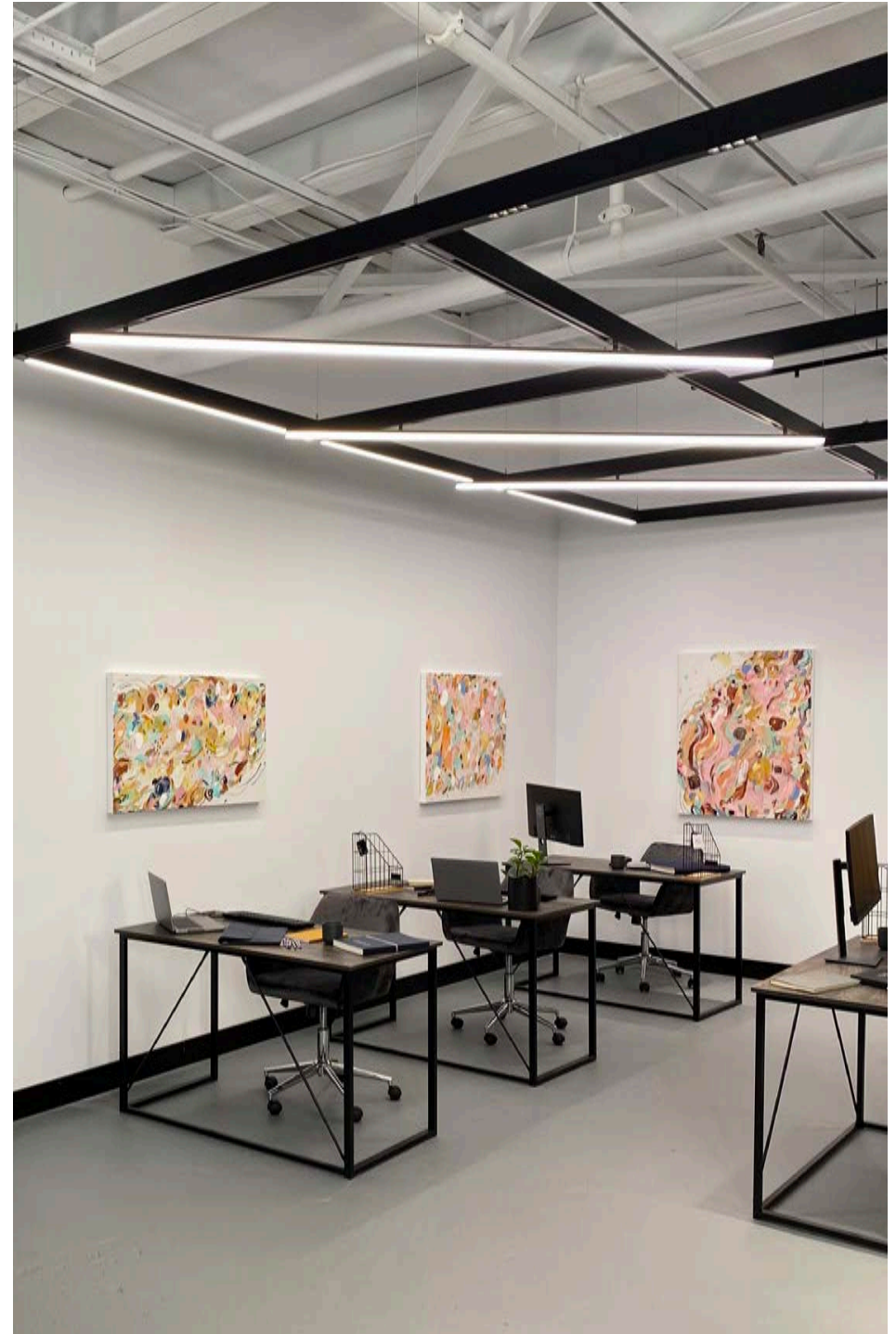


— Track Elements & Decoratives

Orbit Tube Family

Disseminate innovative blades of light in unique arrays with the bold, modern look of Orbit Tube. Ideal for creating movement and enhancing your StencilFlex layout with dynamic layers of direct light, Orbit Tube features a choice of styles and orientations for added design flexibility.

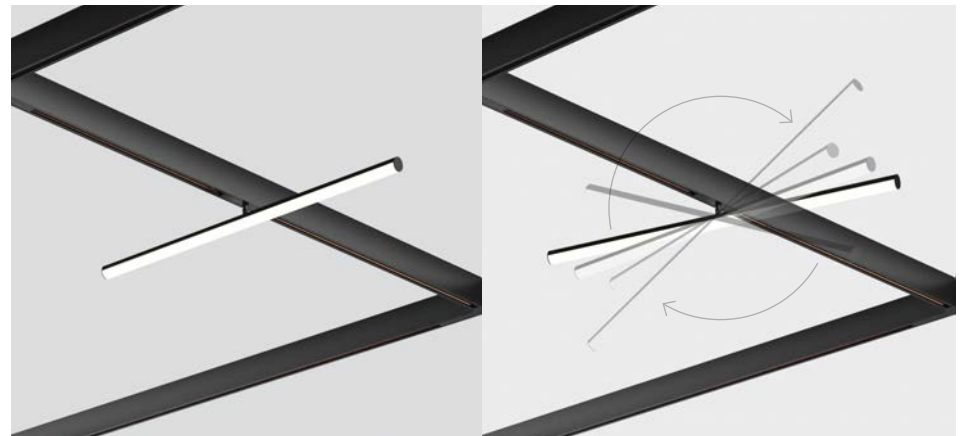
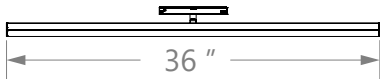
- Robust tube construction
- Two finishes: White or Black
- Direct lighting with frosted lens
- Three models: Pivot, Stagger, Bridge



— Track Elements & Decoratives

Pivot

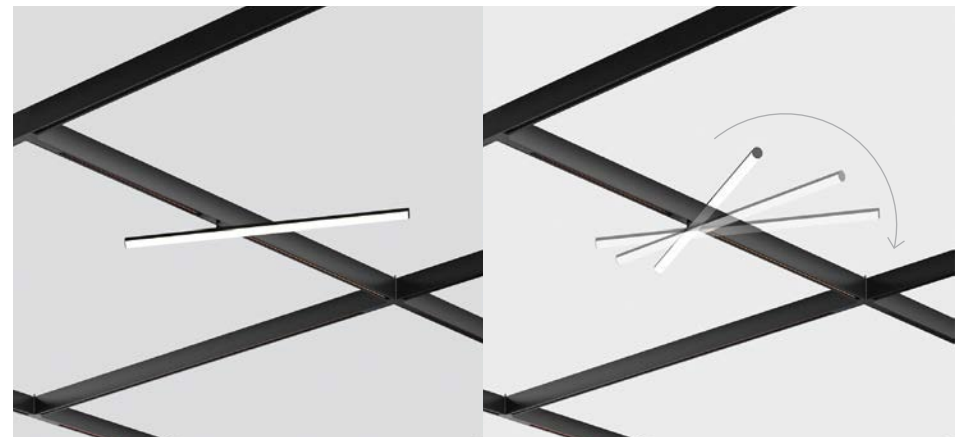
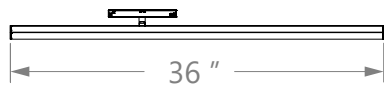
An easy-to-tweak lighting instrument that is sure to make an impact. Pivot enables fully adjustable aiming with clockwise and counterclockwise rotation and up-down tilting. This Orbit Tube version comes in 3' lengths.



— Track Elements & Decoratives

Stagger

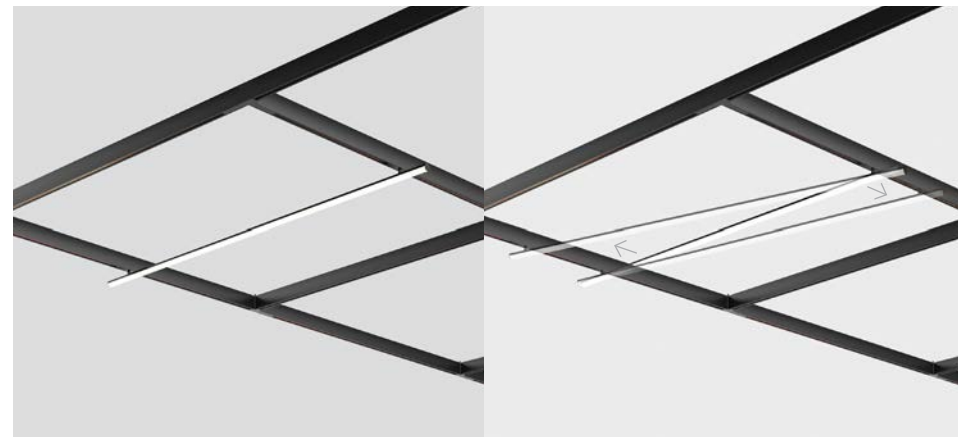
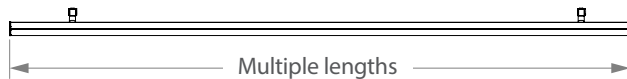
The Orbit Tube Stagger version makes a statement using asymmetric positioning, especially in grouped layouts. It ensures rotational aiming using an AxisTrak™ adaptor mounted at 2/3 of the length of the tube. This model is offered in 3' lengths.

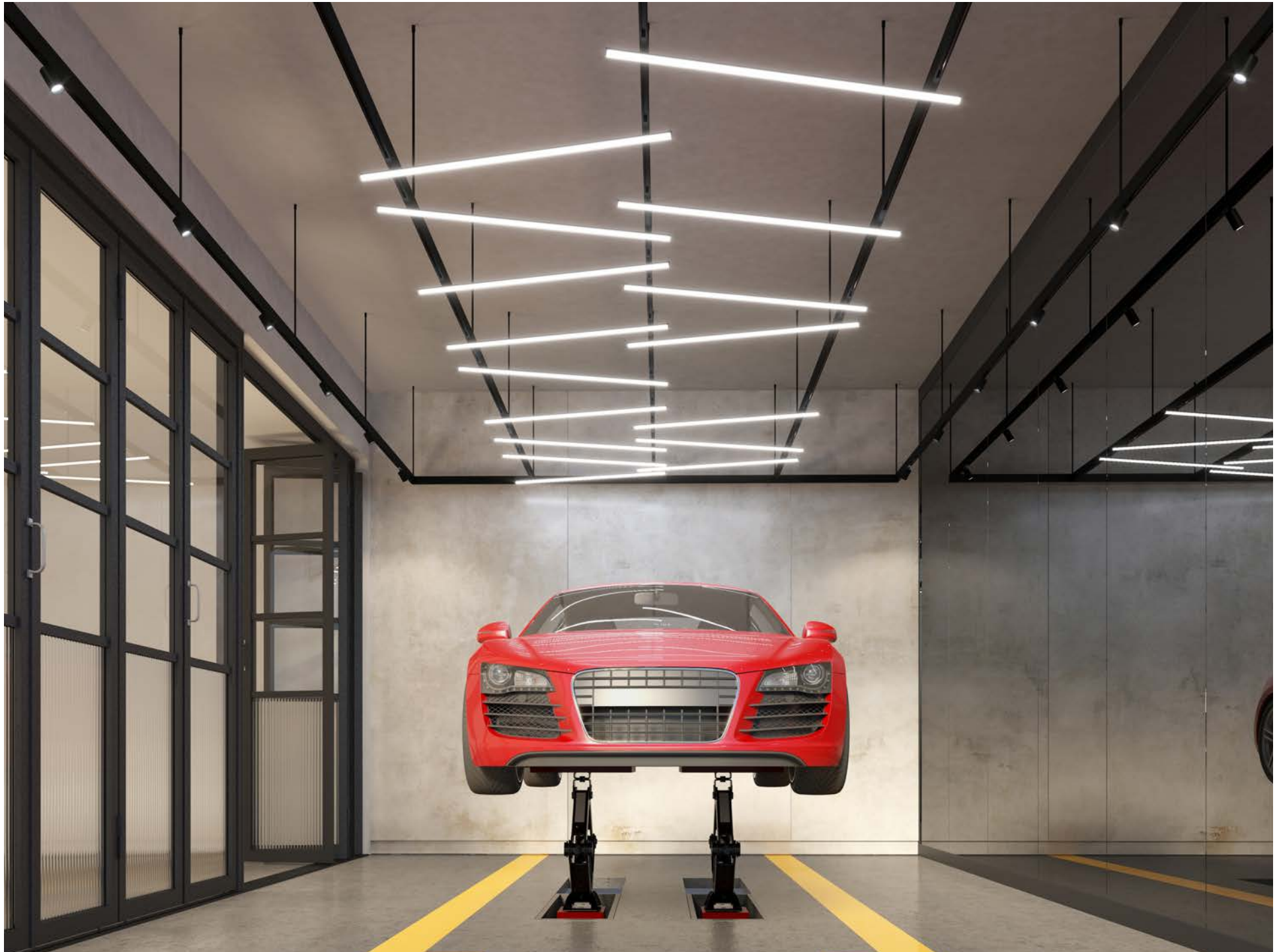


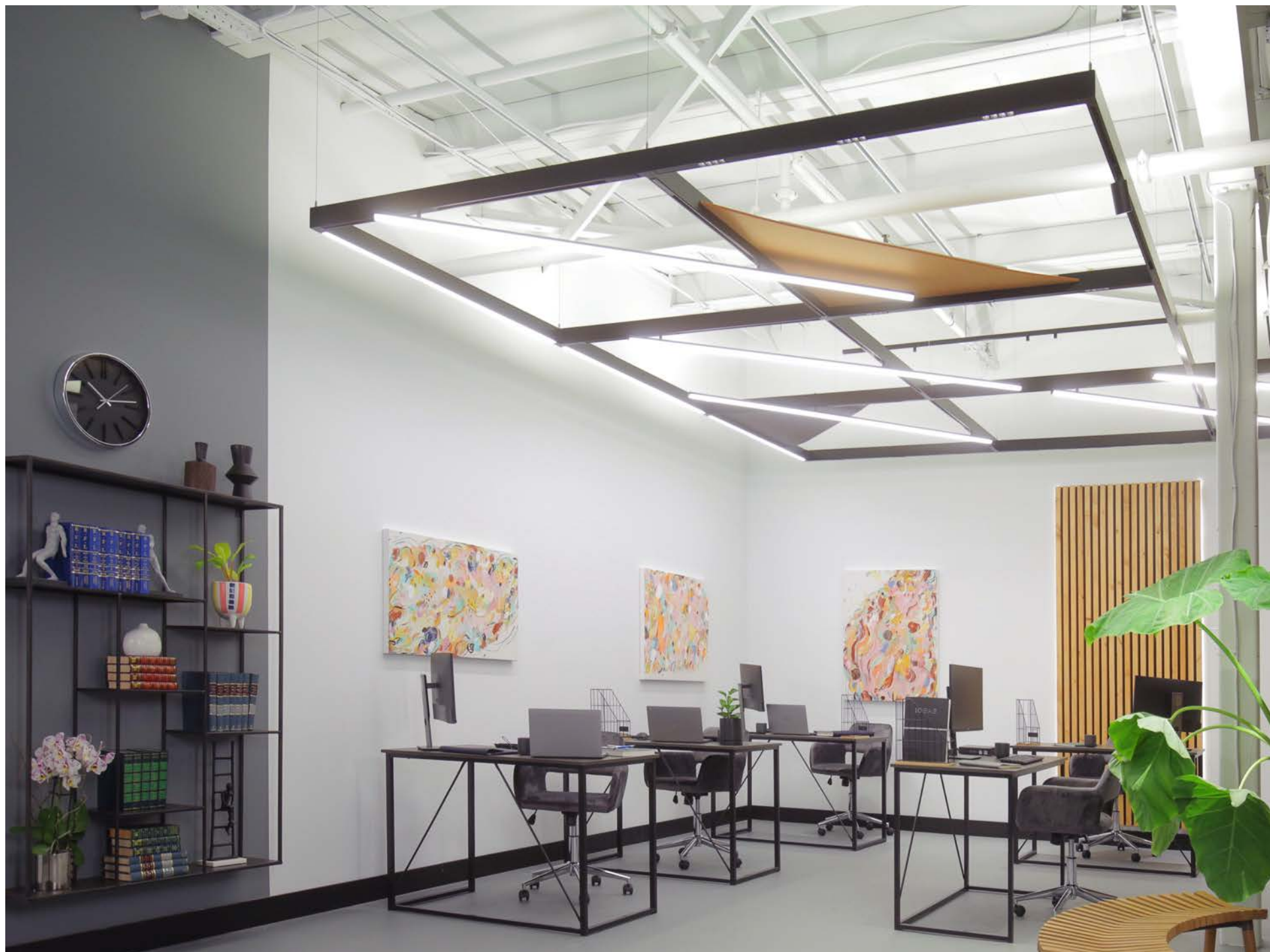
— Track Elements & Decoratives

Bridge

The Bridge offers exciting lighting design opportunities by creating links of different lengths between segments. It uses a rotational mounting device on one segment and a fixed mount on the second segment. This Orbit Tube is available in lengths of 4', 5', 6', 7', 7.5' and 8'.







— Track Elements & Decoratives

Luna Orb Family

Soften your surroundings with the round embrace of Luna Orb. Pendant version compatible with Mini Power Insert and available as standalone.

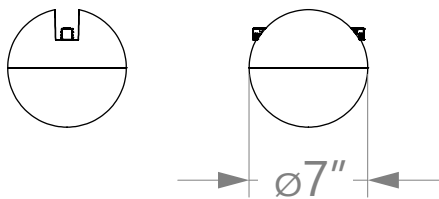
- Two orientation options: straight or 30° lens angle
- Two finishes: White or Black
- Three models: Saddle, Flush, Pendant



— Track Elements & Decoratives

Saddle

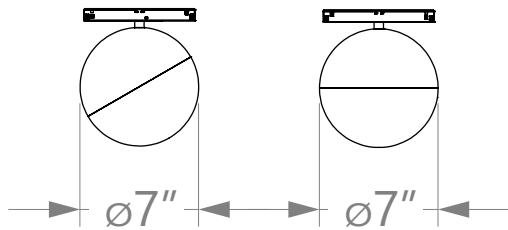
Luna Orb version mounted in an inset position that appears to straddle the segment extrusion. AxisTrak™ mounting only.



— Track Elements & Decoratives

Flush

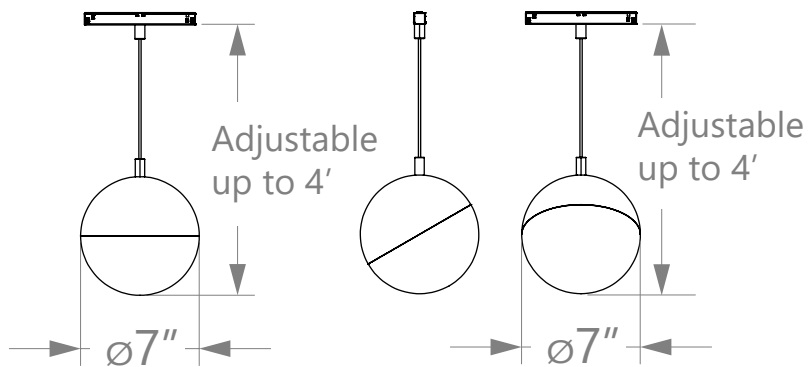
This model is affixed level with the segment for a clean look. AxisTrak™ mounting only.



— Track Elements & Decoratives

Pendant

Unlike the two previous models, Luna Orb Pendant can be mounted using AxisTrak™ and two other techniques, including the highly cost-effective Mini Power Insert (MPI).







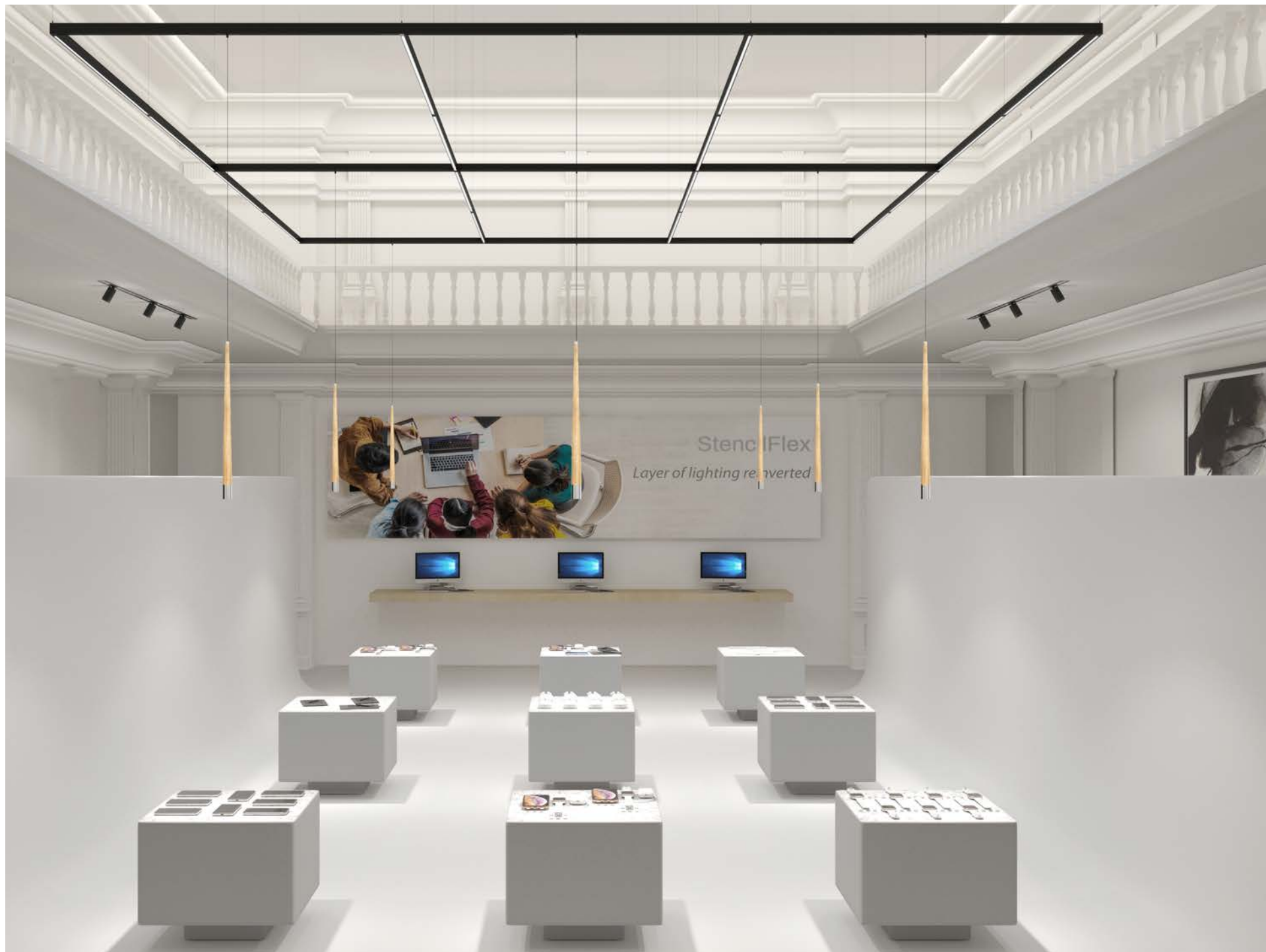
— Track Elements & Decoratives

Chime Family

Jewelry-inspired pendants combining real wood construction and stunning chrome trims. Use in singles or groupings to define areas, or create a staggered look to showcase a larger space.

- Choice of lengths and beam angles.
- 2 models: Taper & Cylinder

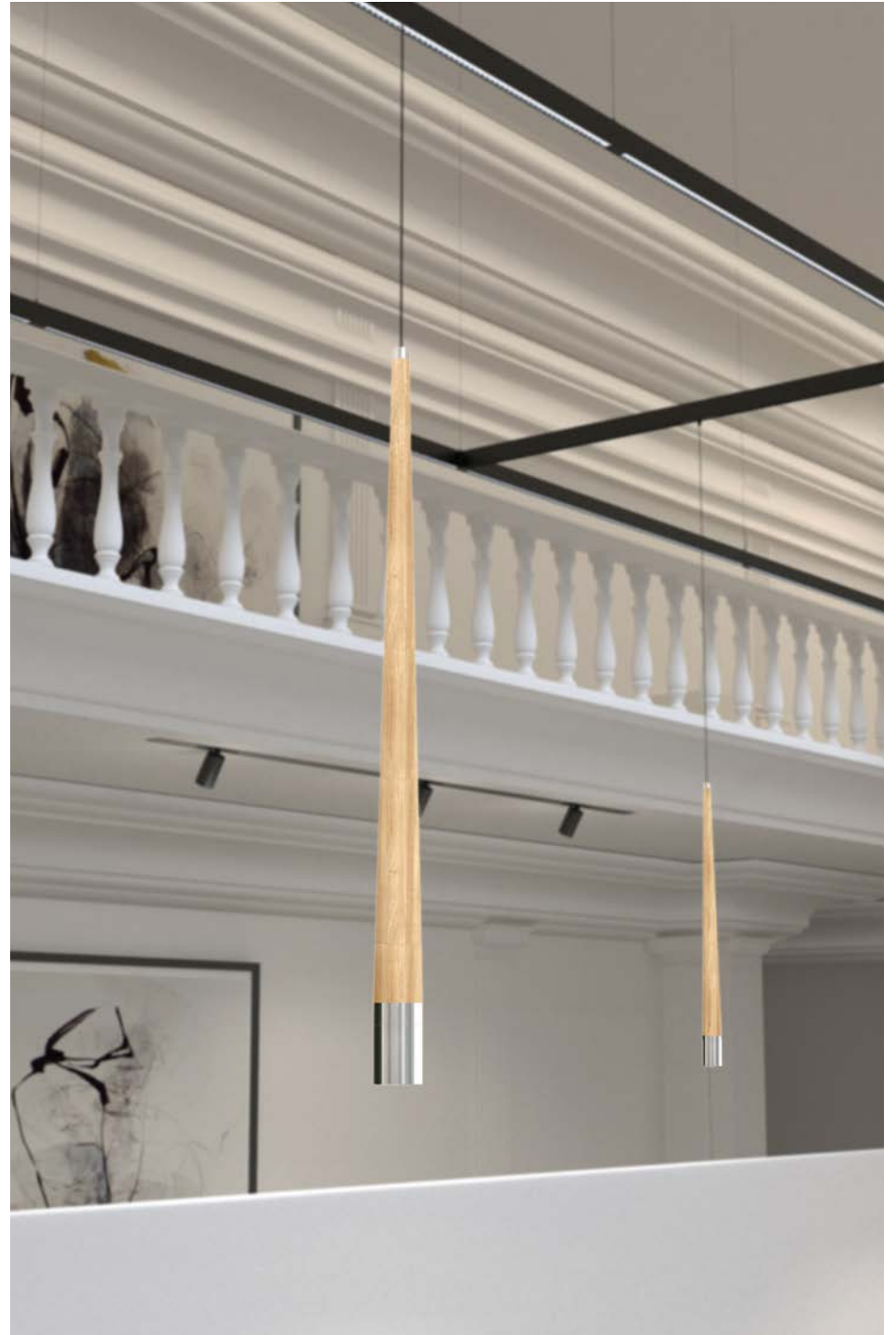
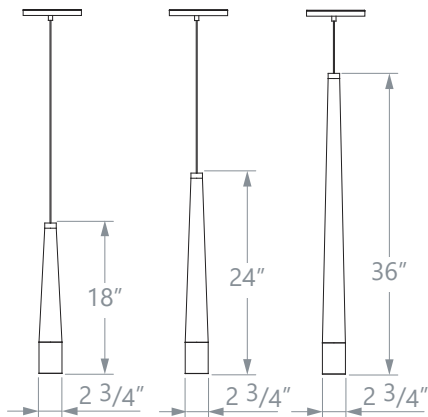




— Track Elements & Decoratives

Chime Taper

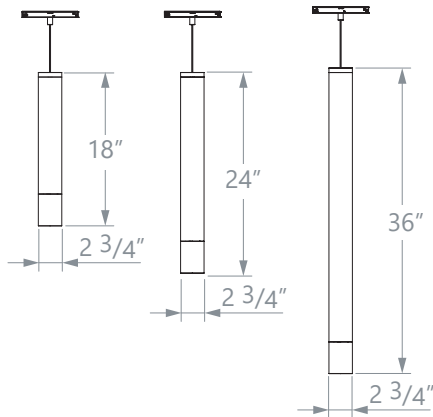
- Finish: Natural Maple (real wood)
- Metal Trim Finish: Chrome
- Narrow, medium, wide beam angles

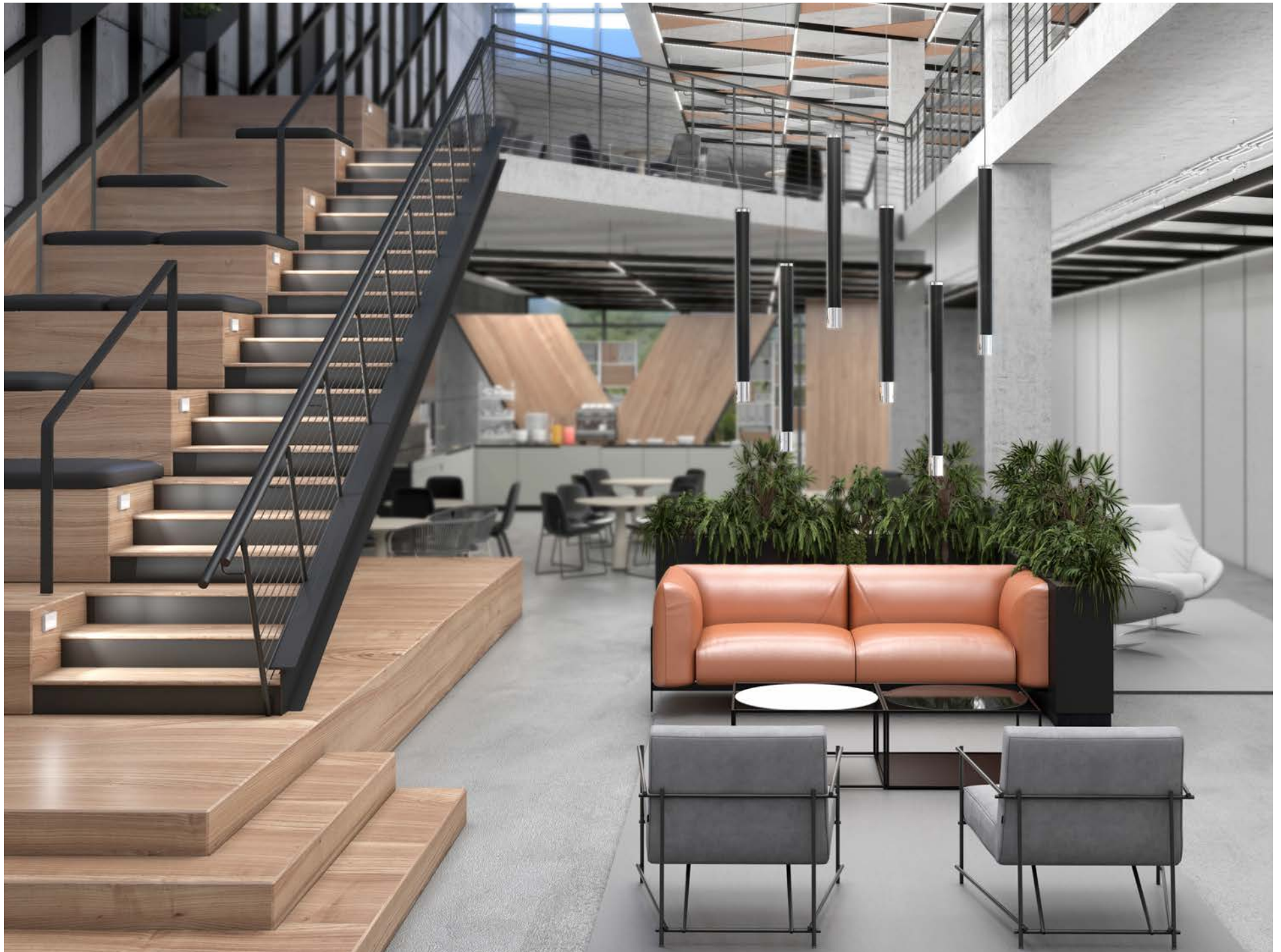


— Track Elements & Decoratives

Chime Cylinder

- Three finishes: Natural Maple (real wood), White (metal) or Black (metal)
- Metal Trim Finishes: Chrome, White or Black
- Narrow, medium, wide beam angles







— Track Elements & Decoratives

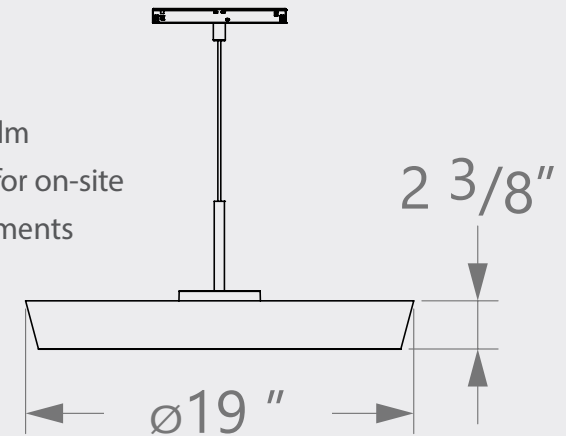
Helios Disk

Featuring a rounded profile reminiscent of the sun, Helios Disk is a decorative pendant that packs a punch. With its outstanding performance and smooth optics, this troffer alternative delivers a uniform, diffuse glow that can illuminate large areas. The tapered rim adds elegance to the shallow disk housing.

Helios Disk provides affordable ambient lighting in a fresh and sophisticated form factor.

Features

- Regressed lens
- Two finishes: White or Black
- Direct lighting with frosted lens
- Rim depth: 2"
- Lens diameter: 18"
- Cable mount
- Output: up to 2000 lm
- Adjustable gripper for on-site cable length adjustments









— Track Elements & Decoratives

Pendant Swag Mounting

Bring your pendant lighting element exactly where you need it. Use a Swag Hook or Swag Rail with sliding hook, or both, to customize and complement your StencilFlex layout.

Two available mounting options:

- Fixed ceiling mounting with Swag Hook
- Sliding/adjustable mounting with Swag Rail

The Swag Hook mounts on the ceiling, allowing you to install pendants with pinpoint accuracy.

The Swag Rail is surface mounted. The suspension hook slides along the supplied unpowered rail, ensuring future-proof adjustability. The Swag Rail can house multiple hooks for pendant light grouping.



Swag Hook



Swag Rail

Universal Adaptors

The promise of even greater flexibility

Style-match luminaire forms like never before. Combine third-party brands to unify lighting design in the space. Integrate your favorite decorative pendants to complement StencilFlex and AxisTrak layouts.

It's all about embracing an even broader range of decorative applications for StencilFlex and AxisTrak™ layouts, in recognition that certain lighting projects require very specific esthetics.

Thanks to a choice of universal adaptors, Axis is able to offer brand agnostic pendant-mount possibilities. Indeed, StencilFlex and AxisTrak can integrate virtually any third-party pendant-mount luminaire, resulting in unlimited decorative lighting options.

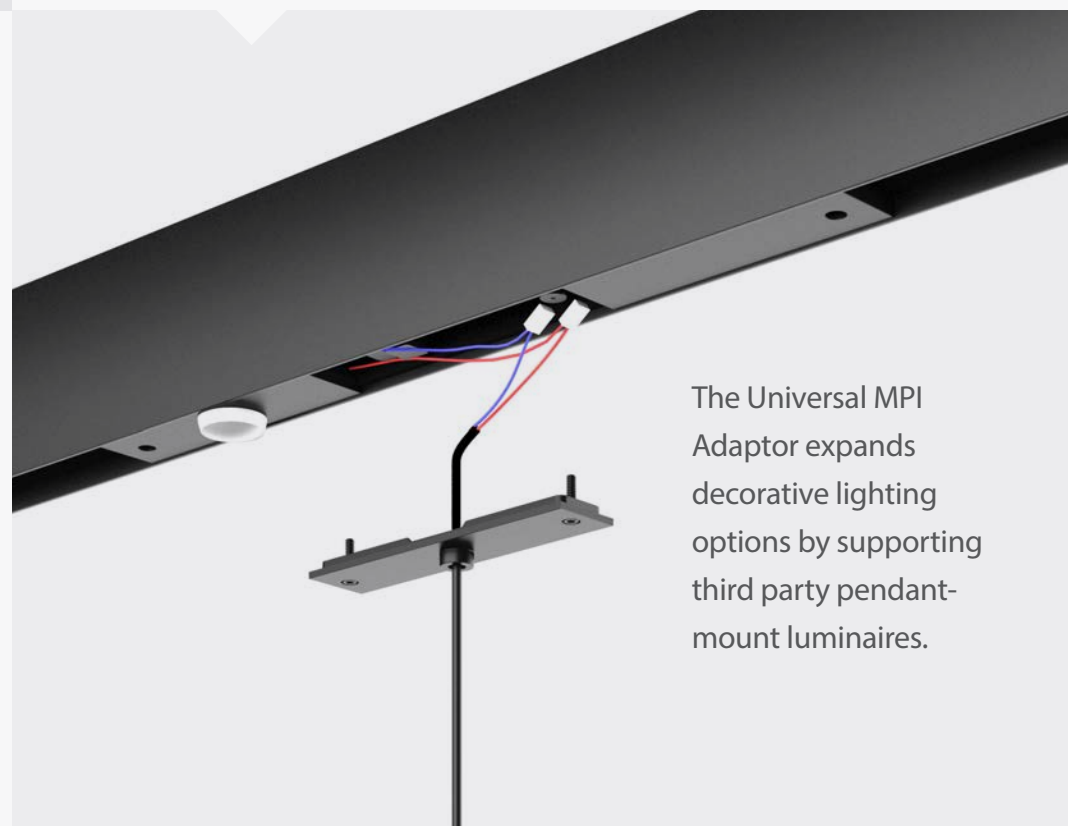


Universal MPI Adaptor

- Interchangeable 14" Mini Power Insert slots directly in StencilFlex segment using IMW™ wire-in terminal supplied
- Field cuttable blanks supplied for unused part of segment cavity
- Cable mounting
- Compatible with most third-party decorative pendants
- Choice of integral constant-current or constant-voltage (12v) drivers
- Adaptor requires wiring to luminaire by certified electrician

Universal AxisTrak Adaptor

- Fully interchangeable – Mounts anywhere along AxisTrak Insert
- Fully adjustable – Locking mechanism secures Universal AxisTrak Adaptor in place
- Cable mounting
- Compatible with most third-party decorative pendants
- Choice of integral constant-current or constant-voltage (12v) drivers
- Adaptor requires wiring to luminaire by certified electrician



The Universal MPI Adaptor expands decorative lighting options by supporting third party pendant-mount luminaires.

— Acoustic Panels

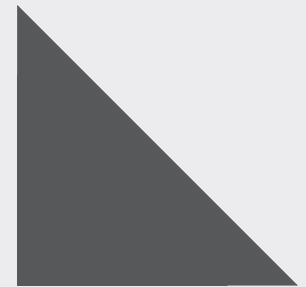
Acoustic Panels

Integrated sound attenuation

SoftZone® panels improve acoustics by enhancing speech clarity where needed and by preventing people's conversations from disturbing others. They feature a modular approach that lets you vary the quantity of panels required to achieve the desired level of sound attenuation. In addition, SoftZone panels are easily moved around a StencilFlex™ framework to meet evolving needs.

The more sound absorption you need, the more SoftZone® panels you use in the space.

Choice of panel forms



Triangles 90°
4' section lengths



Triangles 60°
4' section lengths



— Acoustic Panels

Acoustic Panels

Affordability

Less costly than building separate acoustic tile ceilings.

Scalability

Add SoftZone panels in step with the development needs of any space.

Layering

Leverage StencilFlex design capabilities to modulate layers of sound attenuation.

Cost-effective retrofit possibilities

SoftZone panels can be easily reconfigured or added to existing StencilFlex layouts.

Adaptability

Create neighborhoods of noise control by using SoftZone where you need sound attenuation.

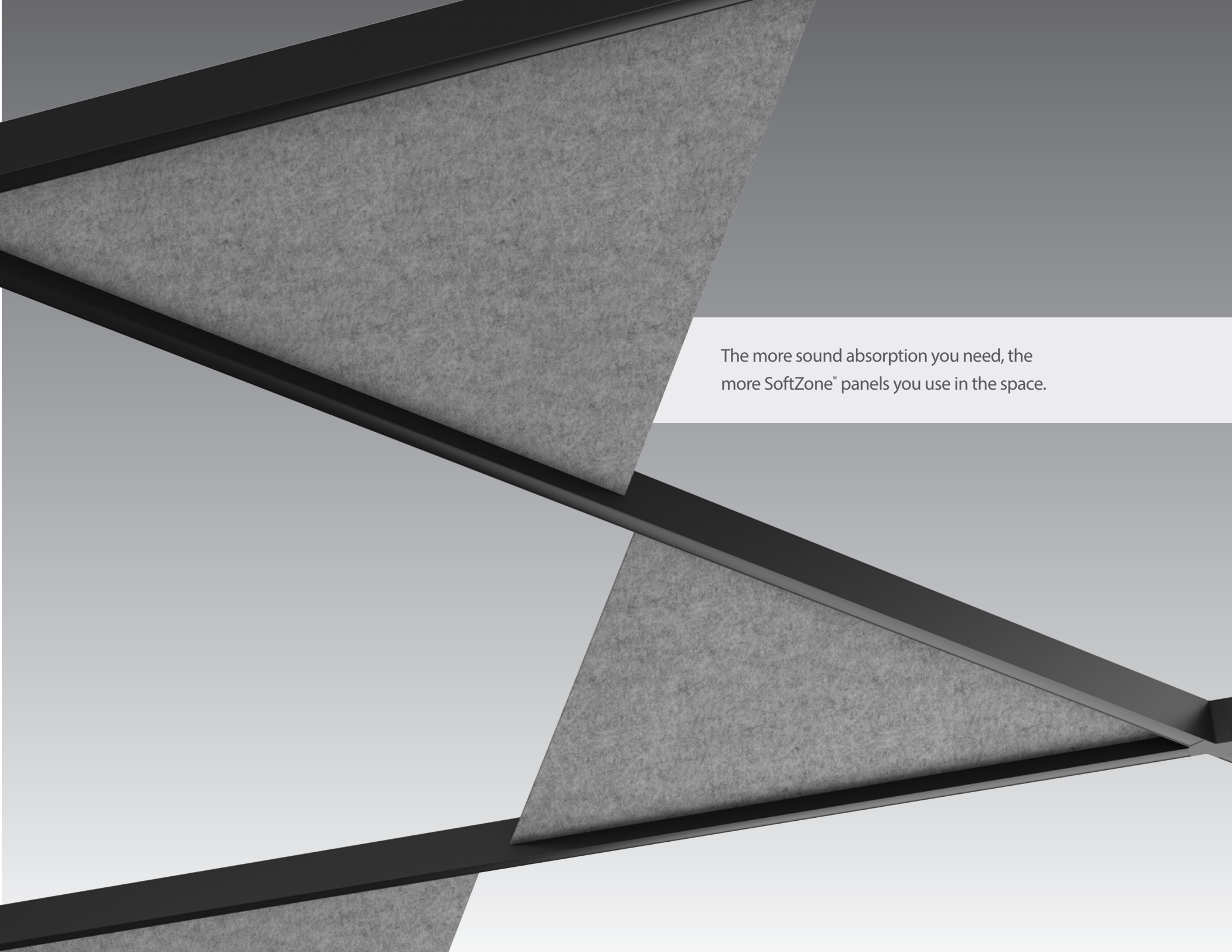
Easy to install and move

SoftZone panels are easy to install and move around on the StencilFlex frameworks.



40 colors to choose from to match interior design elements.





The more sound absorption you need, the
more SoftZone® panels you use in the space.





Lexicon

In launching StencilFlex™, Axis is breaking new ground with multiple innovations that extend the vocabulary of architectural pendant lighting and give broader meaning to design freedom.

AxisTrak™

Patented track lighting technology by Axis facilitating energy code compliance through selective, cost-effective use of track elements in pendant/recessed/surface layouts, with mini constant-voltage driver in every segment.

AxisTrak™ Insert

One of three prewired inserts suited for StencilFlex segments, with integral driver and full track lighting adjustability. Accepts AxisTrak lighting elements as well as decorative pendants by Axis and others.

Empower

Wireless platform for StencilFlex layouts, enabling individually controlled inserts and custom groupings, and featuring open-standard technology to facilitate programming through preferred vendors.

F.L.E.X Technology™

Combines a line-voltage Framework, Lighting inserts, Empower wireless control and an X factor: more design freedom than ever before, while meeting all energy and emergency code requirements.

Framework

Cost-effective line-voltage structure made of prewired IMW™ segments and StencilFlex™ Hubs, facilitating the design and installation of an architectural delivery system for layers of light, without remote drivers.

IMW™ Segments

Prewired segments featuring patented IMW™ (Integral Modular Wiring) technology, with upper/lower cavities and line-voltage terminals for lighting insert wiring, used for building frameworks with StencilFlex Hubs.

IMW™ Technology

Patented IMW (Integral Modular Wiring) is a new cost-effective approach to wiring luminaires, featuring line voltage delivery of light, easy energy compliance, low-cost installation, fewer power drops and no remote drivers.

Lighting Inserts

Choice of three Nomadic™ interchangeable modules (Linear, AxisTrak™ or Mini Power Insert) suited for StencilFlex segments, with wiring-in terminals and integral mini-driver, for delivering different layers of light.

Linear Lighting Insert

Interchangeable insert suited for StencilFlex segments, offering a range of direct and indirect linear lighting elements extending the whole length of a segment, with integral mini-driver and wiring-in terminals.

MikroLite®

Mini downlighting technology by Axis with elegant square-in-square beveled optics. Available as a linear lighting insert on StencilFlex™, as an option on other luminaires and as a standalone product (Pixel®).

Mini Power Insert (MPI)

Interchangeable insert suited for StencilFlex segments, prewired to decorative pendants by Axis and adaptable to third-party pendants, with integral mini-driver, wiring-in terminals and blanks for filling unused segment cavity.

Nomadic™ Technology

Developed for easy insert installation and interchangeability (with assistance of electrician), featuring constant-current mini-driver (constant-voltage mini-driver in AxisTrak™ Inserts) and IMW compatible wiring in terminal in every insert.

Pendant Swag Mounting

Slick surface-mounted accessories for suspending pendant luminaires directly above the lighting task, including a single hook or a rail with sliding hook(s). For StencilFlex™ layouts and standalone applications.

Sculpt™ Recessed

In addition to being offered in pendant form as an insert for StencilFlex™, AxisTrak™ technology will be available as an option on Stencil® Surface and Sculpt™ Recessed (Wall and Ceiling).

SoftZone® Panels

Optional acoustic panels come in multiple shapes and colors for architecturally layered sound attenuation in StencilFlex frameworks where required. SoftZone is also available with other luminaires.

Stencil®

Luminaire family that inspired the development of StencilFlex™, featuring a 1" aperture form factor and design flexibility, with segments and Hubs for creating geometric shapes and patterns of all sizes.

StencilFlex™ Hubs

Set of 11 oversized Stencil® Hubs used to create linear shapes and geometric forms in a StencilFlex™ framework, featuring patented die-cast construction and mechanical, wireway and suspension functions.

Third-party Pendants

To meet special lighting design needs, virtually all decorative pendants by others can be fitted with Universal Adaptors for AxisTrak Inserts or Mini Power Inserts (assistance of electrician required).

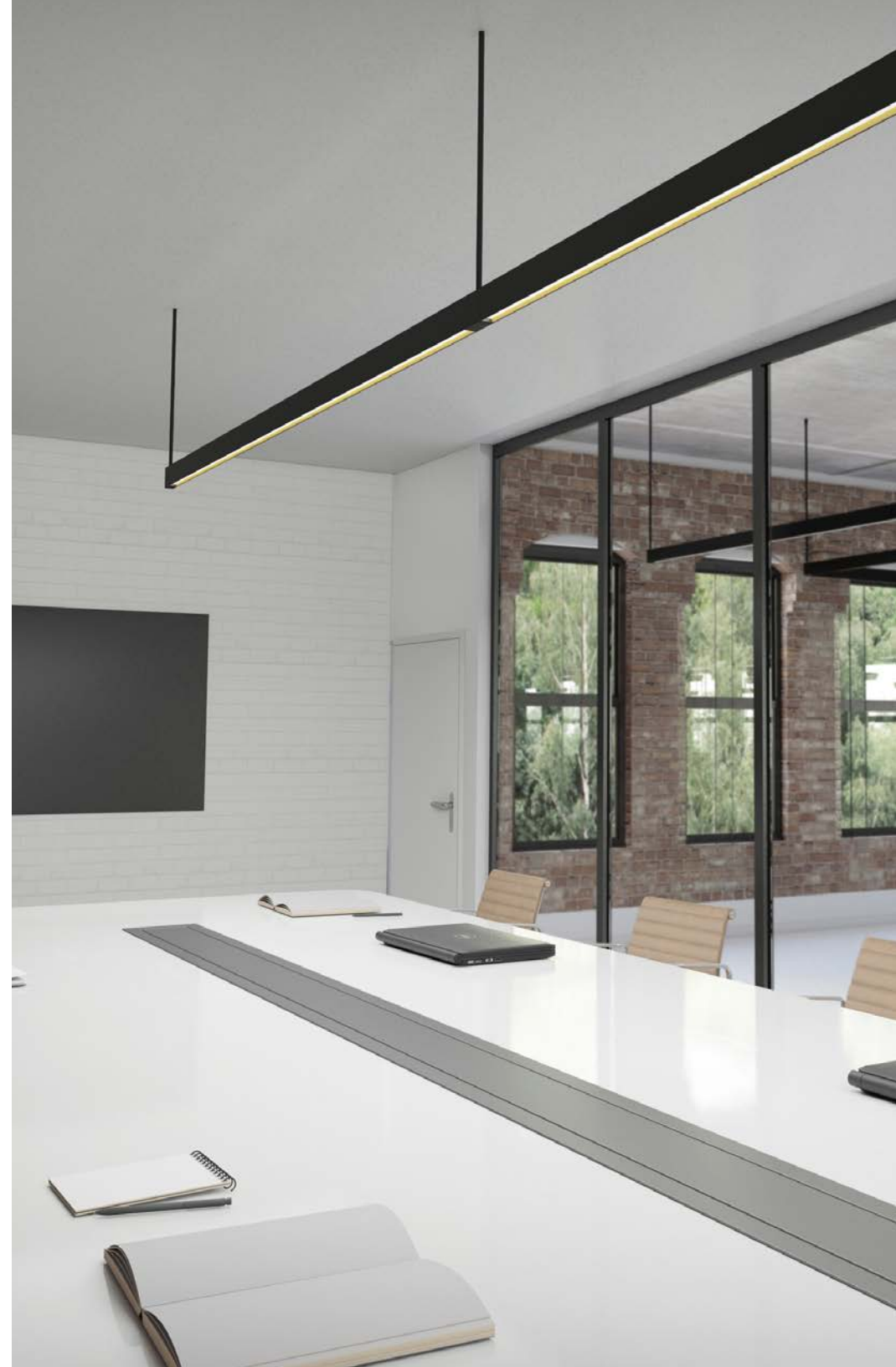
Universal Adaptors

The key to StencilFlex™ brand-agnostic pendant possibilities. The AxisTrak version ensures adjustability on AxisTrak Inserts and the MPI version slots directly into IMW™ segments. Requires assistance of certified electrician.

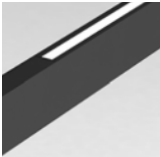
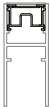
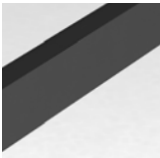
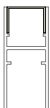
Wall Wash

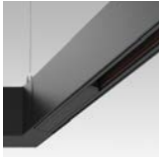

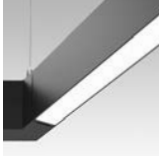

Specialty asymmetric direct lighting element available as an interchangeable linear lighting insert on StencilFlex™, extending the whole length of a segment, with integral mini-driver and wiring-in terminals.

Product Matrix



Linear Lighting



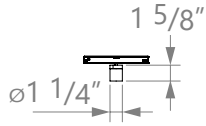


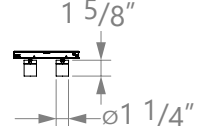


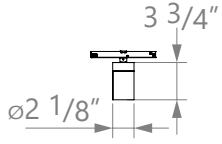


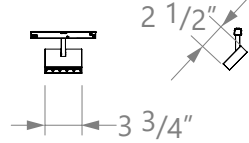
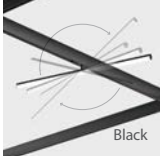
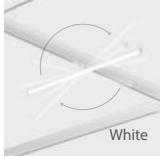

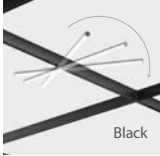
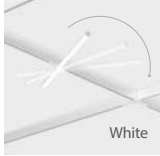
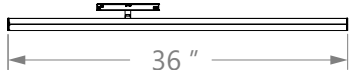
Linear Indirect	Product Image	Section View	Product ID
SurroundLite®			SFLISL
Blank			SFLIBK

Linear Direct	Product Image	Section View	Product ID
AxisTrak™			SFLDAXT
Flush Lens			SFLDSOFL



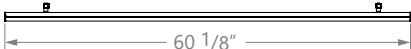


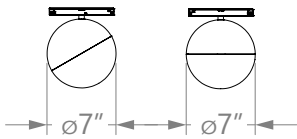
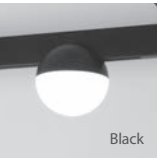

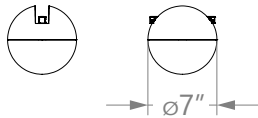


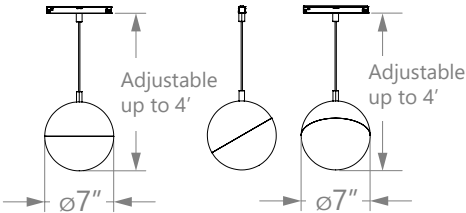


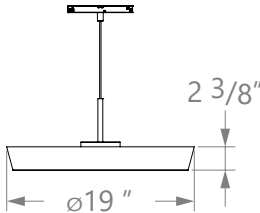
Linear Lighting

Product Name	Product Image				Section View	Product ID
Flush Blank						SFLDBKFL
Louver 60/70	 					SFLDLV
MikroLite®	 					SFLDMKL
Regressed Lens	   					SFLDSORG
Regressed Blank						SFLDBKRG
Wall Wash						SFLDWW


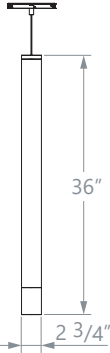
Track Elements & Decoratives

Product Name	Product Image	Size	Mounting Options	Product ID
Stella Spot 32 - Single	 		AxisTrak™ only	TDST32
Stella Spot 32 - Double	 		AxisTrak™ only	TDST32X2
Stella Spot 55 - Single	 		AxisTrak™ only	TDST55
Constellation Projector	 		AxisTrak™ only	TDGP
Orbit Tube - Pivot	 		AxisTrak™ only	TDOTP
Orbit Tube - Stagger	 		AxisTrak™ only	TDOTS

Track Elements & Decoratives

Product Name	Product Image		Size	Mounting Options	Product ID
Orbit Tube - Bridge				AxisTrak™ only	TDOTB
Luna Orb - Flush				AxisTrak™ only	TDLOF
Luna Orb - Saddle				AxisTrak™ only	TDLOS
Luna Orb: Pendant				AxisTrak™ MPI Junction box	TDLOP
Helios Disk				AxisTrak™ MPI Junction box	TDHDP

Track Elements & Decoratives

Product Name	Product Image	Size	Mounting Options	Product ID
Chime Cylinder	<div><div>Black</div><div>Wood</div><div>White</div></div>	<div></div>	AxisTrak™ MPI Junction box	TDCCP
Chime Taper	<div><div>Wood</div></div>	<div></div>	AxisTrak™ MPI Junction box	TDCTP
Third-party Pendants				

StencilFlex™, a simple,
cost-effective delivery system
for the layers of light you want,
where you want them

Think outside the fixture

For more information:

- axislighting.com/families/stencilflex
- axislighting.com/innovations/flex
- axislighting.com/innovations/axistrak

LINEAR DIRECT

MIKROLITE® DOWNLIGHTS

WALL WASHING

LINEAR INDIRECT

AXISTRAK™ LIGHTING ELEMENTS

AXIS DECORATIVE LUMINAIRES

THIRD-PARTY PENDANT OPTIONS

SOFTZONE® ACOUSTIC PANELS



About Axis Lighting

Founded in 1991 and still family owned and managed, Axis is an important source for architectural lighting across North America and around the globe.

Over the last decade, the company has exhibited remarkable growth thanks to its commitment to Design Flexibility, Optimal Energy Efficiency and Responsive Customer Care. That leadership effort now extends to developing Innovative Lighting Technologies, such as SurroundLite™, on an ongoing basis.

On the strength of a broad and expanding product line, Axis has successfully completed lighting projects for high-profile clients including Apple, Chrysler, The Empire State Building, Google, Hyundai, Time Warner and McGill University, among many others.

Axis has the drive and the expertise to meet your needs and provide architectural lighting... your way.



We reserve the right to change specifications without notice.

Please consult our website for the most current technical information and to locate your nearest Axis representative.

1.800.263.AXIS T 514.948.6272 F 514.948.6271

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