Linear LED Portfolio
Architectural Lighting Innovations
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Architectural Lighting Innovations

Shallow Plenum Systems

Recessed Systems

Special Application Systems

Surface Systems

Pendant Systems

Wall Systems
At Axis, innovation starts with our customers, understanding their lighting needs and looking at light differently to find the right answer. In that respect, our Linear LED Collection provides a range of innovative solutions to meet today’s lighting challenges, including linear luminaires powered by SurroundLite™ technology, exclusive to Axis.

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<th>SURROUNDLITE</th>
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* Applies to Pendant and Wall mounting
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<td>Glo Lens Louver Spotless Lens</td>
<td>Pendant Wall</td>
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<td>4 3/16&quot; 4 7/8&quot;</td>
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<td>Glo Lens Louver Spotless Lens</td>
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<td>1 3/4&quot; 3 1/32&quot;</td>
<td>Pendant only Geometric Lighting Recessed Vertical Accents</td>
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<td>Stencil**</td>
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<td>Pendant Surface</td>
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<td>1 11/64&quot; 2&quot;</td>
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<td>Corners Downlight modules Recessed Vertical</td>
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</tr>
</tbody>
</table>

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** More details in Stencil Fall 2017 brochure.
The Creative Design Challenge

Beam

Linear Lighting

Sculpt

Geometric Lighting

Stencil

The Art of Stenciling
The Linear Solution: **Forward-Looking Design Toolbox**

Axis is constantly pushing the boundaries of creativity with new design concepts. With Sculpt came Geometric Lighting, which revolutionized ceiling design by focusing on negative space. Stencil presents a new realm of creative possibilities and design freedom with the Art of Stenciling.
The Lighting Effectiveness Challenge

16' between luminaires
The Linear Solution: Optical Innovation

Axis pushes the boundaries of lighting applications through the development of new technologies such as SurroundLite™ and silicone TIR optics. These optical innovations bring together wide spacing, exceptional uniformity and improved visual comfort to maximize lighting effectiveness.
The Lighting Quality Challenge

Louver
Spotless Lens
SurroundLite Indirect
SurroundLite Direct

Glo Lens
StepLens
Batwing Indirect

Up
Down
The Linear Solution: **Optical Flexibility**

Optics can soften light, prevent glare, enhance visual interest of the light source and combine with LED modules to produce high-performance lighting, as SurroundLite™ does. The Linear Collection supports architecturally integrated lighting with a choice of optics designed to create a balance between esthetics, visual comfort and lighting performance.
The Application Flexibility Challenge

0% UP
0-100% DOWN

25% UP
75% DOWN

35% UP
65% DOWN

70% UP
30% DOWN

75% UP
25% DOWN

80% UP
20% DOWN

90% UP
10% DOWN

100% UP
0% DOWN

0-100% UP
0-100% DOWN

0-100% UP
0% DOWN

ASYMMETRIC SEMI-INDIRECT
ASYMMETRIC INDIRECT
The Linear Solution: **Multiple Distributions**

Axis understands the lighting professional’s need for versatility, so we make sure your toolbox is equipped. The Linear Collection offers a full range of precisely controlled lighting distributions that provide dependable illumination for specific uses.
The Installation Challenge

T-bar  Center-of-T  Perimeter  Shallow Plenums

Drywall  Pendant  Surface  Wall
The Linear Solution: **Mounting Flexibility**

Our innovation efforts extend to installation. More forgiving features, such as the telescopic Perimeter module, can achieve time and cost savings. Pioneering esthetic alterations can improve architectural integration, such as new center-of-T positioning of Click in Armstrong ceilings. We make it our business to maximize installation flexibility.
The Design Flexibility Challenge

Beam Corners  Geometric Lighting  Accents  Vertical
The Linear Solution: Comprehensive Lighting Toolbox

Infuse designs with creativity and meet the most demanding lighting challenges with a versatile toolbox of corners, patterns, accents and much more. Enjoy precision lengths down to 1/32" for maximum design flexibility. And reinvent ceiling esthetics with Sculpt Geometric Lighting concepts.
The Smart Building Challenge
The Linear Solution: **Axis Controls-Ready Program**

Remain on the cutting edge of sustainable building design through Axis's Controls-Ready program. We partner with you and controls manufacturers to simplify the specification process, seamlessly integrate control systems and ensure relevant information is shared among all project stakeholders.
Shallow Plenum Systems

With sustainable buildings favoring the use of fewer materials and more compact construction, there is an increasing trend toward shallower plenums.

Indeed, plenum space is at a premium, and there is a growing need for shallow luminaires that minimize plenum interference. Axis has launched Click to meet these modern-day requirements without compromising on performance.
Shallow Plenum Systems
Click

Install-from-below Zero-plenum LED Luminaire
Compatible with all narrow T-grid systems
The Shallow Plenum Challenge
Install-from-below
Zero-plenum LED Luminaire

As plenum depth shrinks, shallow luminaires like Click are increasingly in demand. With ultra-thin Click, you no longer have to worry about AC ducts and other obstructions in the plenum space. You also benefit from a patent-pending hassle-free installation system.

The product of an exclusive Axis-Armstrong® innovation partnership, Click is the first true install-from-below shallow luminaire, compatible with closed grids, drywall ceilings and Armstrong on-center ceiling systems.
The future of shallow luminaire design

Install from above
Added plenum space required

Partly install from below
Access from above required

Truly install from below

Without

With
Click. Truly install from below

Compatible with all narrow T-grid systems
Click clicks into place
Easy installation and maintenance

1 Tethering
Luminaire is securely hung to the T-bar to facilitate installation. No additional safety tethering required.

2 Wiring
Hinged, flip-down wiring compartment with full driver and wiring access.

3 Joining
Simple fixture-to-fixture mechanical, electrical and control connections. Features the patent-pending InstaJoiner.

4 Click in place
Full luminaire length clicks into place with patent-pending install-from-below system.
Unique design features

**Easy maintenance**

Click can be easily removed and maintained from below.

**InstaJoiner**

Click features a unique patent-pending joining system developed by Axis. *InstaJoiner* provides fast, single-screw tightening, creating a solid, light-leak-free joint.

**Dual lens lightguide technology**

Axis patent-pending optics provides hairline joints and no view of LED diodes.

**Armstrong compatibility**

Compatible with Armstrong acoustical on-center, direct light cove and drywall systems.

**Drywall compatibility**

Ordered separately. Compatible with Axis or Armstrong drywall kits.

Ultra-thin lightguide technology delivers low power density, uniform illumination and visual comfort.

Whether installed in continuous or non-continuous runs, Click delivers the right amount of light with a consistent finish and symmetric center-of-T design esthetic.
A winning combination
Click & Armstrong

Interlude®

Silhouette®

9/16" Suprafine®

4" TechZone®

Also compatible with:

Armstrong Drywall
Linear Lighting Trim Kits

Armstrong
Axiom Direct Light Coves

Armstrong Lighting Bracket Connector
Armstrong’s Zero Plenum Lighting Connector Bracket (LCB4) enables center-of-T esthetic. With full access from below, luminaires can be installed after closing the ceiling.

For more information about Armstrong suspension systems, call 1 877 ARMSTRONG or go to armstrongceilings.com/linearlighting
Special Application Systems

Always seeking to meet the specific needs of the lighting community, Axis has expanded its line of Perfekt luminaires to include Graze Perfekt and Wall Wash Perfekt. These, along with Cove Perfekt and the new Perimeter versions of Sculpt and Beam 3, 4, 6, feature precision optics to create lighting effects for special applications.
Special Application Systems
Graze Perfekt
New optics technology for exciting light grazing
Innovative optics for high-appeal grazing

Graze Perfekt combines high-performance wall grazing optics and the 1.5"-wide aperture of the Sculpt housing. The luminaire is designed to do more than highlight wall textures and enhance the space with dramatic wall grazing effects. Its innovative and compact linear silicone TIR (total internal reflection) optic delivers a precise, consistent wide-beam angle (10° x 100°) without color-over-angle artifacts.
Easy to specify and install

To facilitate and accelerate installation, Graze Perfekt features field-cuttable modules for a precise finish. With its wide spread of light, the silicone TIR optic ensures consistent graze effect between modules.

1. Specify the required right angle: inner corner (shown below) or outer corner.
2. Specify the total length of luminaires required.

Innovative silicone TIR technology enables up to 4” of spacing between optics resulting in a unique simple-to-specify field-cuttable design.
Wall Wash Perfekt

High-performance wall washer featuring SurroundLite™ technology for 10-foot spacing
SurroundLite™ technology for up to 10-foot spacing

Wall Wash Perfekt combines a small form factor with patent-pending visually comfortable asymmetric vertical SurroundLite™ optics featuring wide 3D distribution for 10-foot spacing.

Modules accessible from below, facilitating maintenance and installation, especially in drywall applications.

1' nominal 2' nominal Continuous runs The louver option provides lengthwise shielding.
Staggered installations with spacer plates or empty channels.

Runs can accommodate Beam 2 lens and accent modules (order separately).
Powerful, cost-effective SurroundLite™

With innovative patent-pending asymmetric SurroundLite™ optics, Wall Wash Perfekt luminaires can be spaced wider apart while maintaining a consistent, quality wall washing effect.

3 Feet From Wall

<table>
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<tr>
<th>Vertical Distance From Ceiling</th>
<th>1'</th>
<th>2'</th>
<th>3'</th>
<th>4'</th>
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T-bar

Drywall
Beam 3, Beam 4, Beam 6 and Sculpt Perimeter
Flexible architectural perimeter lighting systems
Lighting that blends into the space

Open up the room with space-enhancing perimeter lighting. Experience reliable service and cost-effective quality illumination based on the existing Beam and Sculpt lighting systems.

Perimeter is available in multiple regressed heights up to a 1:1 mounting. Perimeter luminaires are mounted on a wall track for a quick and consistent installation. Compatible with multiple grids and drywall installations.
Added installation flexibility

The Beam 3, Beam 4 and Beam 6 Perimeter systems feature a patented telescopic sliding LED board design (patent number: US 8,794,795 B2) that allows runs to be field cut to facilitate installation and specification.

Telescopic sections provide up to 8” of adjustability (Beam systems only).

Once lens is in place, the aperture is uniformly lit, making it impossible to tell where LED boards overlap.

Easy to specify: Simply indicate quantity of corners, quantity of telescopic sections and total length required.
Cove Perfekt

The new standard for cove lighting

Cove Perfekt Ceiling

Cove Perfekt Wall

Cove Perfekt Ceiling

Cove Perfekt Wall

1 5/8"

3 9/16"

1 5/8"

3 9/16"
Axis pendant lighting systems allow you to develop elegant linear concepts. These timeless, streamlined forms blend well with contemporary decors and modern workplaces.

While simple in appearance, these pendant luminaires provide wide, powerful lighting thanks to SurroundLite™ technology. A wide choice of performance optics increases application flexibility.

*See Linear Collection for more details (pages 2-3).
Pendant Systems
Twin Beam 2, 3 and 4 SurroundLite™

Streamlined architectural form with added lighting flexibility

Opposite: Twin Beam 2 SurroundLite Pendant with Glo lens
More lighting power in a trimmer package

Introducing the totally redesigned Twin Beam 2, 3 and 4 SurroundLite™. A more compact form, greater optical versatility and SurroundLite technology for maximum lighting effectiveness. Available as pendant or wall mount.

InstaJoiner
Twin Beam 2 SurroundLite features InstaJoiner, a unique patent-pending joining system developed by Axis offering fast, single-screw tightening.
Greater optical versatility

Twin Beam 2, 3 and 4 SurroundLite™ offer a selection of indirect optics (SurroundLite, Glo Lens) and direct optics (Spotless Lens, Louver, Glo Lens) for use in a wide variety of applications.

Shielding Options

Glo Lens

The patented Glo lens option features a thinly protruding lens (0.25”) that adds visual appeal. Choose from a diffuse uniform glow on the top, on the bottom, or both.

Opposite: Twin Beam 2 SurroundLite with Glo Lens uplight and Louver downlight
Beam 2 Square

New square design with added lighting functionality

Opposite: Beam 2 Square with Spotless lens
A bold, square design

This new addition to the Beam 2 family presents a highly esthetic, compact 2.5” square form that features powerful, glare-free illumination. Also available in surface and wall versions.

Shielding Options

Flush Lens

Louver

Indirect

Glo Lens

The patented Glo lens option features a thinly protruding lens (0.25”) that adds visual appeal with a diffuse uniform glow.

Adjustable suspension system on pendant direct version facilitates installation; aircraft cable mount slides all along housing.
Introducing the next generation of Axis recessed luminaires featuring SurroundLite™. This is the first time that SurroundLite technology is used to power a recessed lighting product, namely Beam 3 SurroundLite. Engineered to deliver on the promise of LED lighting, SurroundLite provides wide light distribution that enhances the space while ensuring visual comfort.

Click, Perimeter, Beam Recessed and Sculpt bring new levels of design flexibility. These linear products produce long, attractive lines of light. Also, Beam corner options offer opportunities to form exciting patterns, while downlight inserts add layers of light that generate visual interest.

*See Linear Collection for more details (pages 2-3).
Recessed Systems
Beam 3 SurroundLite™ Recessed

Visually comfortable linear recessed luminaire with seamless lens
High-performance optics

Shallow (only 2.25" deep) recessed lighting with the power of SurroundLite™ provides wide luminaire spacing, lighting uniformity and supreme visual comfort.

16’ between luminaires

Average light levels: 50 fc
Power density: 0.52 W/ft²
750 lm/ft, 16’ on center
9.5’ ceiling, Max/Min 2.88, Avg/Min 2.04
**Seamless architectural integration**

Designed for grid ceilings, Beam 3 SurroundLite Recessed features design elements to facilitate installation and provide an improved ceiling esthetic.

**Continuous Roll-Out Lens**
Create clean, seamless runs that are quicker to install with this quality press-in acrylic lens that will not crinkle or bow. Available in lengths of up to 48'.

**InstaJoiner**
Beam 3 SurroundLite Recessed features InstaJoiner, a unique patent-pending joining system developed by Axis offering fast, single-screw tightening. Full access from above is provided through two doors located where luminaires join.
Surface Systems

These surface linear products offer a range of visually comfortable optics. Axis brings a family approach that lets you coordinate these surface luminaires as required with style-matched pendant and wall products, as well as Beam 3 SurroundLite™ Recessed.

Stencil Surface

Beam 2 Square

Beam 2, 3, 4 and 6 Surface*

Sculpt Surface*

Details on p. 62

*See Linear Collection for more details (pages 2-3).
Stencil Surface

Aluminum Finish
Regressed Lens
White Finish
Flush Lens
Minimalist

A subtle footprint giving the space center stage

Fine-tune design coherence without drawing attention to the lighting. Embrace the grid with Stencil Surface, a slender form that conceals gridlines while blending into the ceiling. Stencil Surface features no visible hardware, further reducing the visual noise of the lighting system.
Adaptive

Lighting design flexibility you can work with

Underscore design themes with discreet traces of light. Stencil Surface lends itself to the creation of streamlined shapes and patterns that support a room’s purpose and multiple functions. Its clean look and extensive possibilities let you suggest rhythm, communicate meaning and create neighborhoods of light.
Integrated

A pure, seamless appearance

The innovative patent-pending surface attachment system with concealed hardware and power feed lets you put Stencil Surface anywhere, on and off the grid, including drywall and concrete ceilings. It results in quick and easy design and installation, shorter project timelines and significant cost reductions.
Innovative Mounting
A faster, more flexible approach

- Total installation freedom: Place Stencil Surface anywhere
- Added installation convenience – On and off the grid
- Fast installation process: Hassle-free and more affordable

Patent-pending seamless grid installation and power feed system

Patent-pending concealed drywall spackle power/control module combines power, control and wire feeds.

An integral 0-10V dimmable LED mini-driver provides up to 200’ of continuous light from a single power feed.
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- T-Bar
- Drywall
- Concrete

Off-grid
On-grid
Through drywall
Through stud

axislighting.com
Innovative Mounting

Simple four-step installation

1. **HANG**
   - Suspend luminaire housing securely using patent-pending surface hardware.
   - (Axis-supplied hardware elements vary according to ceiling type. Concrete mounting available.)

2. **CINCH**
   - Cinch fixture up to the ceiling using patent-pending dual-cable system.
More affordability through innovation

Stencil Surface features patent-pending elements specially engineered to speed up the mounting process and significantly cut installation costs.

3 POWER

Connect control and power feed using patent-pending invisible grid (9/16” T-bar or smaller) or drywall spackle feed. Concrete end feed and junction box cover available.

Optional miniature power feed box for 15/16” T-bar.

4 WIRE & SNAP IN PLACE

Housing compartment provides full access to drivers allowing for easy wiring of LED cartridge.

Full-length cartridge is snapped into housing in one quick step.
Segments

Flush and regressed options

- Combine with Hubs to build unique surface lighting forms
- Up to 500 lm/ft
- Efficacy of up to 108 lm/W
- Available in segment lengths of 2’ to 8’ in one-foot increments
- Up to 200’ of continuous LED light from a single power drop
- Selection of lens and louver optical elements ensure visual comfort with low surface brightness
- Wood finishes available, please consult your Axis representative

Blank Segments

Choice of powered and non-powered versions. Use blank segments to create a power bridge or for esthetic continuity. Available in any length increment.
Accents

Layers of light provide added visual interest

Position Stencil Surface accent modules anywhere along the channel, individually or in clusters, using flush or regressed segments... You have all the lighting design freedom you need.

- 500 lm nominal (4253 cd @ 20°)
- 3000K, 80 CRI
- 359° rotation, 90° tilt
- 20° or 36° beam spreads
- Fully dimmable to 5% (integral 0-10V mini-driver)
Wall Systems

Axis offers a choice of wall-mount luminaires delivering highly efficient asymmetric illumination.

Models are available in other mountings, offering lighting designers the option to complement pendant and surface layouts with style-matched wall luminaires.

*See Linear Collection for more details (pages 2-3).
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.