SurroundLite™
Architectural Lighting Innovations
SurroundLite™ Architectural Lighting Innovations

Creative Systems
- Sketch Pendant
  - New
- Stencil
  - New

Architectural Systems
- Zen and Zen Square
  - New
- LT
- Cubic
- Arc
- 202
- Slim
- Slim 2xSL
- Twig

Linear Systems
- Beam 3 SurroundLite
  - Recessed
  - New
- Twin Beam 2, 3 and 4 SurroundLite
  - New
- Beam 2 Square
  - New
- Beam 4 SurroundLite Pendant

Cove Systems
- Cove Perfekt Ceiling
- Cove Perfekt Wall
Every luminaire in this collection uses SurroundLite™ technology. Please visit axislighting.com for the latest releases.
### The SurroundLite™ Collection

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<tr>
<td>Sketch Pendant</td>
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<td>Arc</td>
<td>Louver Spotless Lens</td>
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<td>Pendant Wall**</td>
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<td>Pendant Wall**</td>
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<td>Pendant Wall**</td>
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<td>8 1/4&quot;</td>
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*Uplight powered by SurroundLite
**Pendant dimensions shown, please consult specification sheets for wall mount dimensions.
Basic product preview only, for complete product selection and options please consult specification sheets.
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<td>1 3/8&quot; 8 1/4&quot;</td>
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<td>Pendant</td>
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<td>Cove Perfekt</td>
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<td>Cove Wall</td>
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<td>Ceiling and Wall</td>
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</tbody>
</table>

*Uplight powered by SurroundLite
Basic product preview only, for complete product selection and options please consult specification sheets.
The Lighting Distribution Challenge
The SurroundLite™ Solution: 3D Light Distribution

SurroundLite’s 3D distribution emits as much light from the ends as from the sides. It provides wide spacing, exceptional uniformity and reduced cave effect, resulting in fewer luminaires needed to light a space.
The Lighting Uniformity Challenge

With SurroundLite

Without SurroundLite
The SurroundLite™ Solution: Exceptional Uniformity

SurroundLite's 3D distribution provides exceptional ceiling uniformity, especially in patterned designs, with products such as Stencil and Sketch Pendant.
The Visual Comfort Challenge

16' between luminaires
The SurroundLite™ Solution: Sharp Cutoff

With SurroundLite, the lens is the light, delivering sharp cutoff and reduced contrast to improve visual comfort. Also, luminaires can be more widely spaced so fewer are needed to light the room.
The System Challenge
The SurroundLite™ Solution: Integrated Design

Every SurroundLite luminaire has an integral control-ready driver and a simple optical, electrical and mechanical connection system, facilitating installation and maintenance.

SurroundLite is a non-imaging optic that effectively masks dirt.
The Application Flexibility Challenge

See SurroundLite Collection for available distributions of each luminaire (pages 2-3).
The SurroundLite™ Solution: Multiple Distributions

SurroundLite lightguide materials are manipulated at the molecular level to create multiple light distributions: SurroundLite indirect, SurroundLite direct and SurroundLite asymmetric.
The Form vs. Function Challenge

Stencil pushes the boundaries of minimalist design by harnessing the power of SurroundLite™ in a patent-pending miniature optic design that provides the lighting power of a luminaire four times its size.
Sketch Pendant, with its curved SurroundLite lightguide, allows designers to create unique illuminated floating forms that complement the space and provide unprecedented lighting uniformity.
The Luminaire Design Challenge

SurroundLite™ also allows Axis to redefine lighting applications, such as cove lighting. Cove Perfekt Ceiling and Wall set a new standard in cove lighting quality with an easy-to-specify system that eliminates the need for movable optics.

The SurroundLite Evolution in Cove Lighting

**Fluorescent Coves**
- 9 W/ft
- Shadows and Color Shift

**Most LED Coves**
- 8 W/ft
- Difficult Aiming Required
- Can Result in Hotspots and Shadows

**Cove Perfekt**
- 3 W/ft
- No Shadows or Aiming

Opposite: Cove Perfekt Wall
Every model is unique to help you create visual statements that define a space.

Creative Systems are more than just beautiful glowing objects for imprinting style. They are also engineered to put light where you need it in the most efficient manner possible.

Count on luminaires that provide you with design flexibility, lighting performance and built-in value to enhance an office, an entrance hall, a library and other spaces featuring a modern decor.

Creative Systems can be used in long lines of light, in short runs to create patterns and along perimeters to expand and brighten up a space.

Sketch Pendant

Stencil
Sketch Pendant

Drawing with Light

Sketch Pendant D03 - 30” diameter full circle with single extrusion and one-piece lens.
Illuminated Floating Forms

Stunning and versatile, Sketch Pendant strikes a unique balance between form, function and flexibility.

Compact shallow housing with integral driver

Opposite: SurroundLite™ optics provide exceptional ceiling uniformity
Designing with Sketch Pendant

Sketch lets you join curved and straight segments in different ways to create a wide range of unique sinuous forms of uninterrupted light.

S FORMS

J & L FORMS

O FORMS

U FORMS

[Diagram showing different forms and segments with annotations for linear, curved 90°, curved 45°, curved 60°, curved 30°.]

*For D05, D13, and D18 only
**For D08 and D23 only
Sketch Pendant Segments

Curved Sections

D23 - Diameter 270"  Arc Length - 70' 8 1/4" (848 1/4")
D18 - Diameter 210"  Arc Length - 54' 11 3/4" (659 3/4")
D13 - Diameter 150"  Arc Length - 39' 3 1/4" (471 1/4")
D08 - Diameter 90"   Arc Length - 23' 6 3/4" (282 3/4")
D05 - Diameter 60"   Arc Length - 15' 8 1/2" (188 1/2")
D03 - Diameter 30"   Arc Length - 7' 10 1/4" (94 1/4")

Straight Sections

2ft
3ft
4ft
8ft
12ft
Sketch is also available in an easy-to-install recessed version. Visit axislighting.com for details.
Stencil

Ultra-Thin Traces of Light

Indirect powered by SurroundLite™
Patent-Pending Mini SurroundLite™

The lighting power of a fixture four times its size

An exclusive Axis innovation, Mini SurroundLite delivers a wide 3D distribution and balanced brightness, providing added design freedom and enabling the use of fewer and more widely spaced Stencil segments.

Also, Mini SurroundLite technology maintains lighting uniformity in a space when alternating between direct and indirect Stencil segments (using Hubs).
Alternating direct and indirect segments

Stencil segments: 4’
Average light levels: 37.5 fc
Max/Min: 2.72
Power density: 0.505 W/ft²
Room dimensions: 31’ x 80’ x 10’
Stencil Accents

- 450 lm nominal (4253 cd at 20°)
- 3000K
- 359° rotation, 90° tilt
- Choice of 20° or 36° beam spreads
- Fully dimmable to 5% (integral 0-10V driver)
- Flexible accent spacing to meet specification requirements
- Compatible with Stencil indirect lighting segments and powered blank segments
- Can be located anywhere along the lighting segment
Stencil Hubs

- Die-cast patent-pending non-illuminated soft corner joiners.
- Combination of mechanical, electrical and suspension functions.
- Easy to install with single captive spring-loaded screw mechanism.
- Ideal for branching off to bring light where you need it.
SurroundLite™ Architectural Systems

Striking the perfect balance between form and function, the Architectural Systems family is the ultimate design toolbox for creating beautiful quality lighting concepts for a wide variety of applications.

Beyond providing esthetic appeal, these lighting instruments bring together high-output illumination, excellent glare control, wide spacing opportunities, integrated controls options and installation flexibility. Everything you would expect and more.

*See SurroundLite Collection for more details (pages 2-3)
SurroundLite
Architectural Systems
Zen

Compact Inverted-U Linear Downlight Pendant

Zen Square
Spotless Acrylic Shielding (SO)

Zen
Microgroove Extruded Aluminum (MAL)
Zen Square

with Spotless Acrylic Shielding (SO) shielding
Zen

with Microgroove Extruded Aluminum (MAL) shielding
These patent-pending inverted-U forms provide soft, comfortable lighting. They emit more downward luminance from the top than from the sides. Pendant versions use SurroundLite™ optics to open up the space by delivering ample, glare-free downlighting and reflected light throughout.
Versatile and compact forms

Choose between two profiles to match various architectural interiors.

**Integral LED Mini-Driver**

This dimmable integral LED mini-driver is one of the smallest of its kind in the world. Reduce installation time and costs by eliminating the need for remote drivers.
The SurroundLite™ story

Zen and Zen Square pendants incorporate patented SurroundLite technology developed by Axis. The result is a richer visual experience with additional light distribution that opens up a space and pleases the eye.

High-Performance Optics

SurroundLite produces a visually appealing non-Lambertian 3D spherical batwing light distribution.

- Uniformly diffuse lighting similar to daylight.
- Wide planes of light in all directions: ceiling, corners, walls.
- Reduced contrast on the ceiling, improving visual comfort.
- Wide spacing results in fewer luminaires needed to light a space.
Innovative optics

Pendant versions feature unique SurroundLite™ direct-indirect optical systems to deliver superior visual comfort and maximum lighting effectiveness while reducing installation time and costs.

One-piece acrylic lens with **Microgroove Side Spotless** (MSO) side shielding.

**Microgroove Extruded Aluminum** (MAL) side shielding with upper acrylic lens for a soft low brightness appearance.

**Spotless Acrylic Shielding** (SO) side shielding option provides a comfortable uniform glow of light. Only available with Zen Square.
New levels of architectural integration

Zen Beam offers style-matched recessed lighting opportunities. High-efficacy downlighting elements disappear into the ceiling while providing excellent lighting design flexibility.

Zen surface luminaires are ideally suited for delivering high-quality visually comfortable light in areas with restricted plenums or no plenum access.

Zen Square is also available in wall mount.
Zen Beam Recessed
**SurroundLite™ Linear Systems**

Welcome to a new generation of linear lighting statements powered by SurroundLite technology.

Linear Systems provide a good measure of visual comfort, uniformity and wide spacing. These linear luminaires feature new optical options that deliver even more flexibility and architectural appeal.

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

Linear Systems
Beam 3 SurroundLite™ Recessed

Visually Comfortable Shallow Linear Recessed

Opposite: Beam 3 SurroundLite Recessed
16’ on center
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.
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, 3 and 4 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.

Distributions Options

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

New Square Design with Added Lighting Functionality

Indirect powered by SurroundLite™

Spotless lens

Indirect powered by SurroundLite

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 well-suited to modern environments.

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.
SurroundLite™ Cove Systems

Few luminaires have been more in need of an upgrade than cove lights, long stifled by complicated details and inconsistent, time-consuming aiming.

Armstrong Ceiling Systems and Axis saw an opportunity to reduce clutter and simplify design. So we joined forces to codevelop the best possible cove lighting solution from the ground up.

The result: A foolproof, pre-engineered cove system and an aim-free, high-performance cove light that set the new standard for cove lighting.
Cove Perfekt

The new standard for cove lighting

Cove Perfekt Ceiling

Cove Perfekt Wall

1 5/8"

3 9/16"

Cove Perfekt Ceiling

Cove Perfekt Wall

1 5/8"

3 9/16"
Pre-engineered quality cove lighting system

In partnership with Armstrong Ceiling Systems, Cove Perfekt takes the guesswork out of cove lighting. Design smaller coves, eliminate hot spots, do away with aiming, improve the overall cove light quality with the power of SurroundLite™ and save energy like never before with this simple-to-specify system.

- Up to twice the efficiency of other cove products.
- Simple, easy-to-specify system.
- Foolproof mounting. Aim-free lighting.
- Available with color tuning options.

Easy Installation

Telescoping Cable for Easy Installation

T - End Power Feed
Cove Perfekt & Armstrong Axiom Cove: The Perfect Partnership

Up to 90% less labor to install coves with easy onsite trade coordination, luminaires positioned at the very front of the cove to maximize efficiency and a keyed system to ensure proper mounting of luminaires.

Axiom cove ordered separately. Cove Perfekt by Axis may also be used in other cove installations. To order an Axiom Indirect Cove, contact your local Armstrong sales representative or call 1-877-276-7876. armstrong.com/axiomlightcoves
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.