

#### **SurroundLite**<sup>™</sup>

**Architectural Lighting Innovations** 



# **SurroundLite**<sup>™</sup>

# **Architectural Lighting Innovations**

#### **Creative Systems**





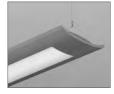
Sketch Pendant New

Stencil New

#### **Architectural Systems**







LT



Cubic



Arc



202



Slim

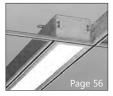


Slim 2xSL



Twig

#### **Linear Systems**



Beam 3 SurroundLite Twin Beam 2, 3 and Recessed New



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.

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#### **The SurroundLite™ Collection**

PRODUCTS		OPTICS OPTIONS	LIGHT DISTRIBUTIONS		DIMENSIONS	SURROUNDLITE 3D DISTRIBUTION
	Sketch Pendant <i>New</i>	Spotless Lens	60% UP 0% UP 40% DOWN 100% DOWN	Pendant	5"	
	Stencil* New	Micro Lens Micro Louver	0% UP 100% UP  100% DOWN 0% DOWN ASYMMETRIC INDIRECT	Pendant	1 11/64"	
	Zen <i>New</i>	Microgroove Spotless Lens Microgroove Aluminum	65% UP 0% UP  35% DOWN 100% DOWN	Pendant Recessed (Beam) Surface	5 15/32"	
	Zen Square New	Microgroove Spotless Lens Microgroove Aluminum Spotless Acrylic	0% UP 25% UP 50% UP 75% UP 100% DOWN 75% DOWN 50% DOWN 25% DOWN	Pendant Wall	3 15/16"	
	Cubic SurroundLite	VL Optic Louver Spotless Lens	75% UP 100% UP 25% DOWN 0% DOWN ASYMMETRIC SEMI-INDIRECT	Pendant Wall**	6"	
	Arc SurroundLite	Louver Spotless Lens	80% UP 100% UP  20% DOWN 0% DOWN ASYMMETRIC SEMI-INDIRECT	Pendant Wall**	7 29/32"	
	202 SurroundLite	Louver Spotless Lens	80% UP 100% UP 20% DOWN 0% DOWN ASYMMETRIC SEMI-INDIRECT	Pendant Wall**	2 1/8"	
	Slim SurroundLite	VL Optic Louver Smooth Lens Regressed	0% UP 25% UP 35% UP 80% UP 100% UP  100% DOWN 75% DOWN 65% DOWN 20% DOWN 0% DOWN ASYMMETRIC SEMI-INDIRECT IND	Pendant Wall**	1 3/8"	

<sup>\*</sup>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.

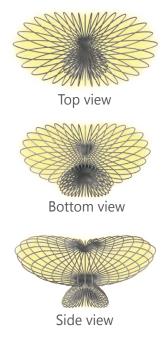
PR	ODUCTS	OPTICS OPTIONS	LIGHT DISTRIBUTIONS	MOUNTING OPTIONS	DIMENSIONS	SURROUNDLITE 3D DISTRIBUTION
	LT SurroundLite	Louver Spotless Lens Satin Ribbed Lens	80% UP 100% UP 20% DOWN 0% DOWN ASYMMETRIC SEMI-INDIRECT	Pendant Wall**	9 1/4"	
	Slim 2xSurroundLite	VL Optic Smooth Lens	0-100% UP 0-100% DOWN	Pendant	1 3/8"	
	Twig SurroundLite	VL Optic Spotless Lens	90% UP  10% DOWN ASYMMETRIC SEMI-INDIRECT	Pendant Wall	2 9/16"	
	Beam 3 SurroundLite Recessed New	Spotless Lens	0% UP 100% DOWN	Recessed	2 5/16"	
	Twin Beam 2, 3 and 4 SurroundLite* New	Glo Lens Louver Spotless Lens	0-100% UP 0-100% DOWN ASYMMETRIC INDIRECT	Pendant Wall	3 7/8" 4 1/8" 4 7/8" 4 7/8" 4 3/16"	
	Beam 2 Square* New	Glo Lens Louver Spotless Lens	0% UP 100% UP 100% DOWN	Pendant Wall Surface	2 1/2"	
	Beam 4 SurroundLite* Pendant	Spotless Lens	0-100% UP	Pendant	5 1/2"	
	Cove Perfekt Ceiling and Wall		ASYMMETRIC INDIRECT	Cove Wall	3 9/16"	Cove Wall

\*Uplight powered by SurroundLite
Basic product preview only, for complete product selection and options please consult specification sheets.



# **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.





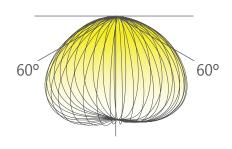
## **The SurroundLite™ Solution: Exceptional Uniformity**

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

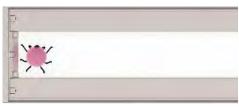
With SurroundLite, the lens is the light, delivering sharp cutoff and reduced contrast to improve visual comfort. Also, luminaires can be more widely spaced so fewer are needed to light the room.





#### **The SurroundLite™ Solution: Integrated Design**

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



Top view

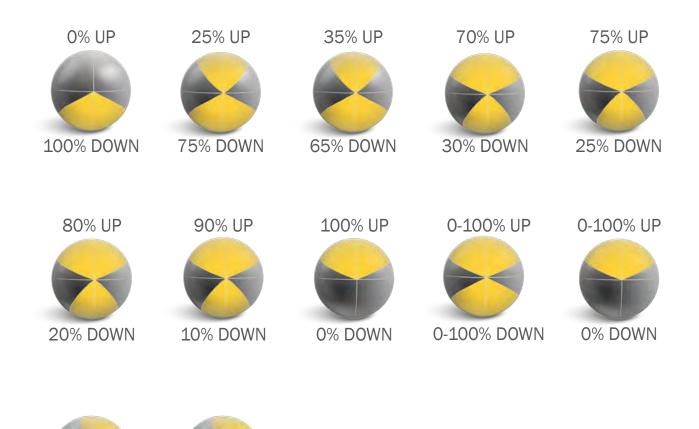


Bottom view

SurroundLite is a non-imaging optic that effectively masks dirt.

# The Application Flexibility Challenge

ASYMMETRIC INDIRECT



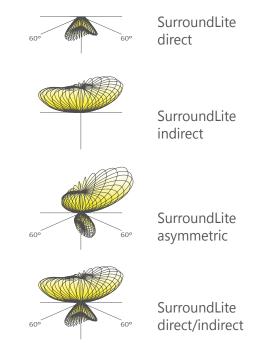
See SurroundLite Collection for available distributions of each luminaire (pages 2-3).

**ASYMMETRIC** 

**SEMI-INDIRECT** 

# **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.



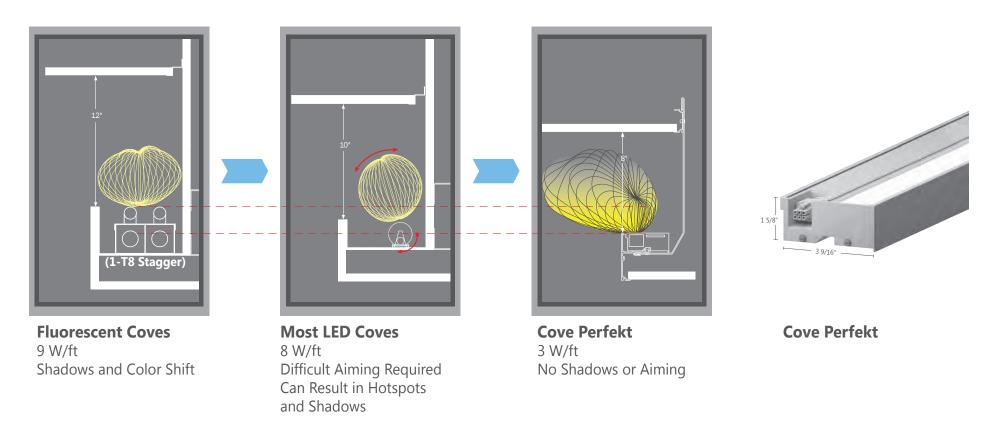
**Sketch Pendant**, with its curved SurroundLite lightguide, allows designers to create unique illuminated floating forms that complement the space and provide unprecedented lighting uniformity.



## The Luminaire Design Challenge

SurroundLite<sup>™</sup> 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



Opposite: Cove Perfekt Wall

# **SurroundLite™ Creative Systems**

Every model is unique to help you create visual statements that define a space.

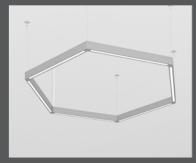
Creative Systems are more than just beautiful glowing objects for imprinting style. They are also engineered to put light where you need it in the most efficient manner possible.

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 New



Stencil *New* 

# **SurroundLite Creative Systems**

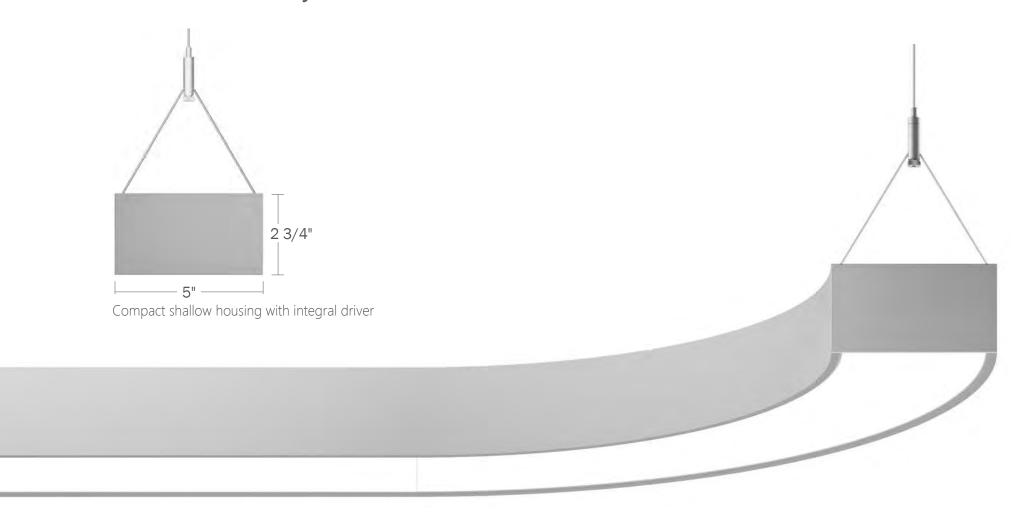


Sketch Pendant D03 - 30" diameter full circle with single extrusion and one-piece lens.



# **Illuminated Floating Forms**

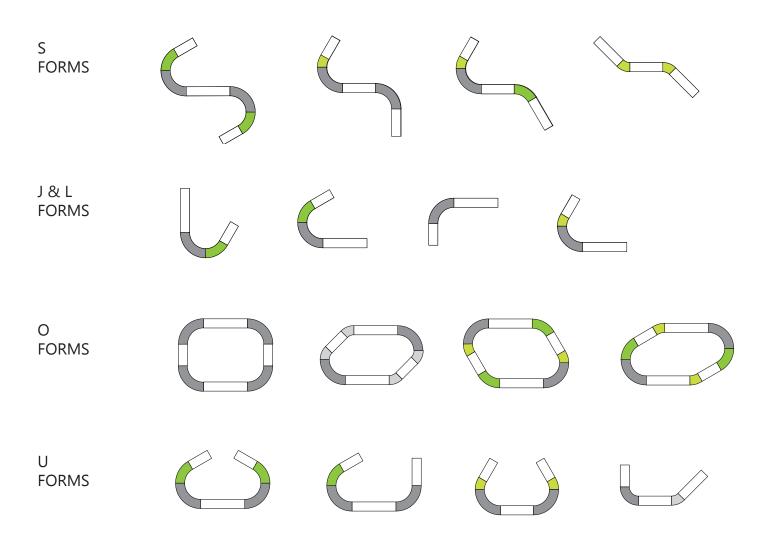
Stunning and versatile, Sketch Pendant strikes a unique balance between form, function and flexibility.

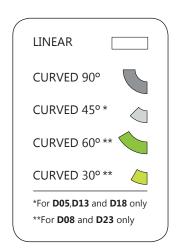




# **Designing with Sketch Pendant**

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

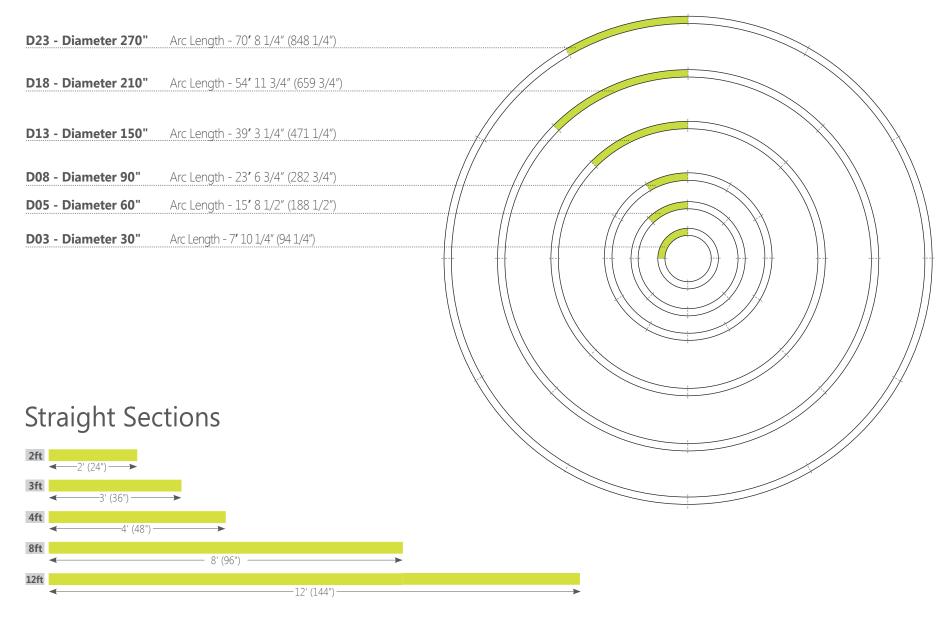






# **Sketch Pendant Segments**

#### **Curved Sections**





Sketch is also available in an easy-to-install recessed version. Visit axislighting.com for details.





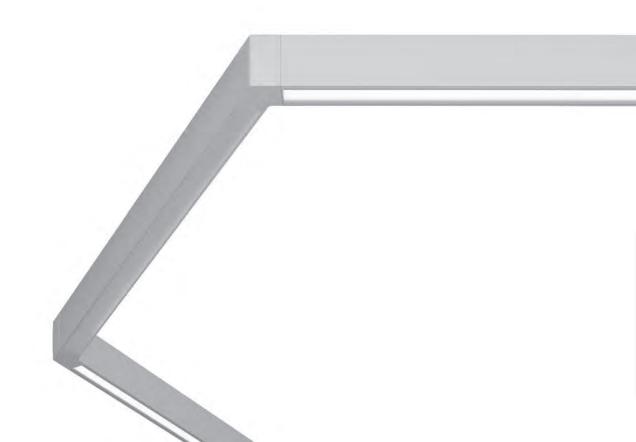
# **Patent-Pending Mini SurroundLite™**

#### 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).



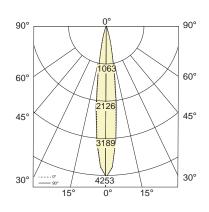


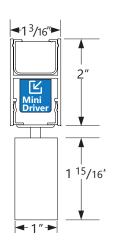


# **Stencil Accents**

- ✓ Choice of 20° or 36° beam spreads

- Compatible with Stencil indirect lighting segments and powered blank segments
- ✓ Can be located anywhere along the lighting segment

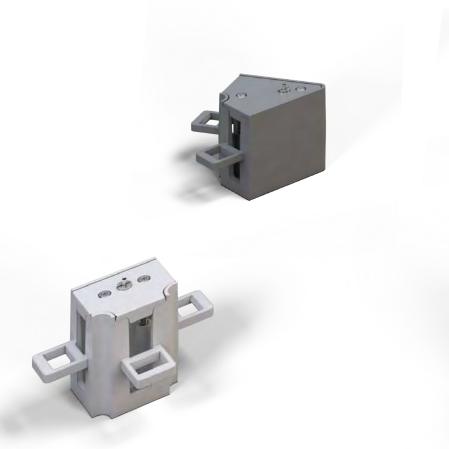






## **Stencil Hubs**

- ☑ Die-cast patent-pending non-illuminated soft corner joiners.
- ✓ Combination of mechanical, electrical and suspension functions.
- ✓ 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.

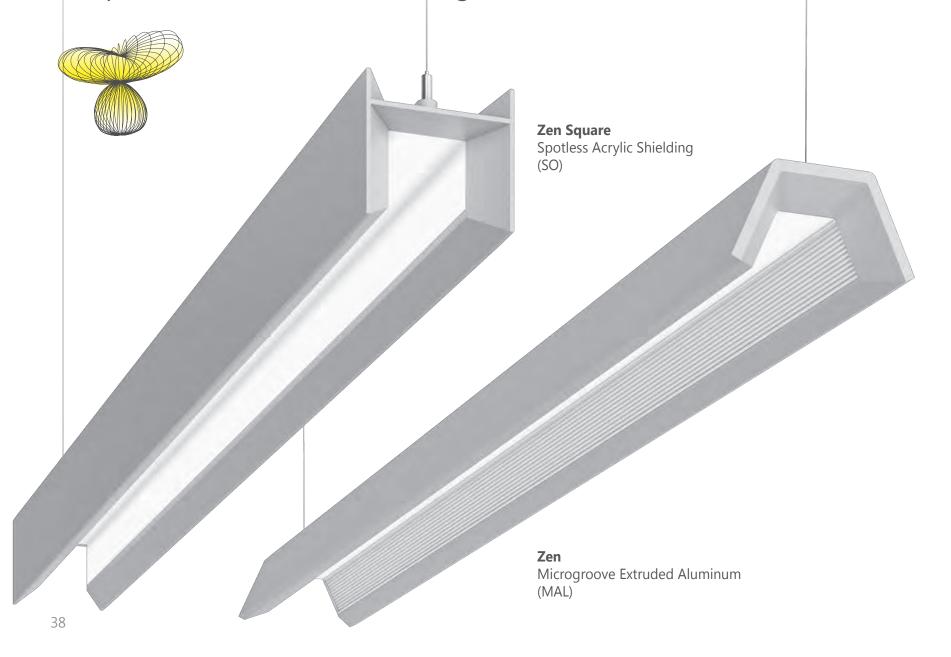


<sup>\*</sup>See SurroundLite Collection for more details (pages 2-3)

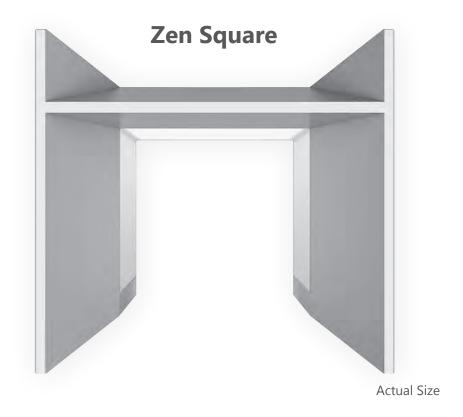
# **SurroundLite Architectural Systems**

# Zen 🕡

## Compact Inverted-U Linear Downlight Pendant

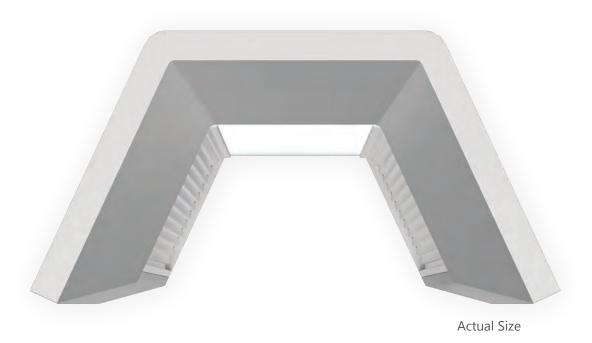








## Zen



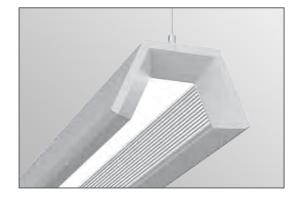


## Zen

## A sleek family of luminaires with superior lighting power

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.

#### Zen



Pendant Surface Recessed (Beam)

#### **Zen Square**

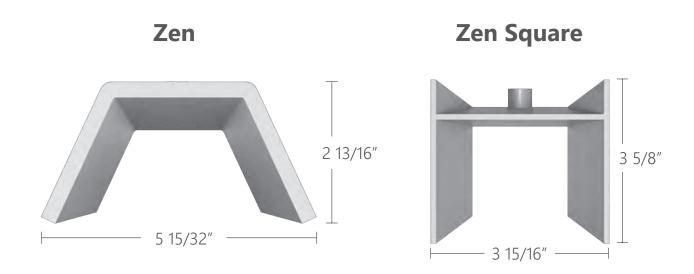


Pendant Wall



## 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.





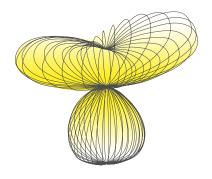
# The SurroundLite™ story **\***

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.

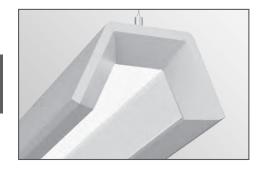


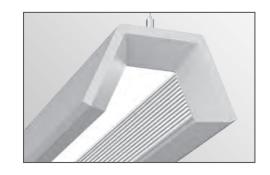


## **Innovative optics**

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

Zen





Zen Square



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.

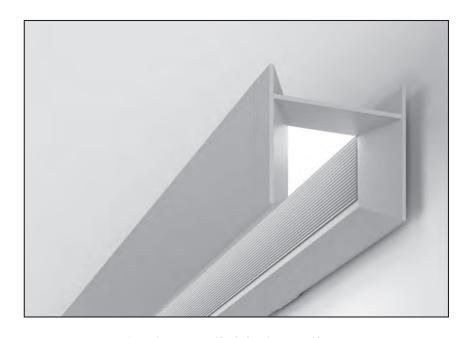


## New levels of architectural integration

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.



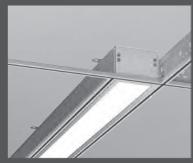
Zen Square is also available in wall mount.



# **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.



Beam 3 SurroundLite Recessed *New* 



Twin Beam 2, 3 and 4 SurroundLite *New* 



Beam 2 Square New



Beam 4 Pendant\*

<sup>\*</sup>See SurroundLite Collection for more details (pages 2-3)

# **SurroundLite Linear Systems**

## Beam 3 SurroundLite™ Recessed **\*\***

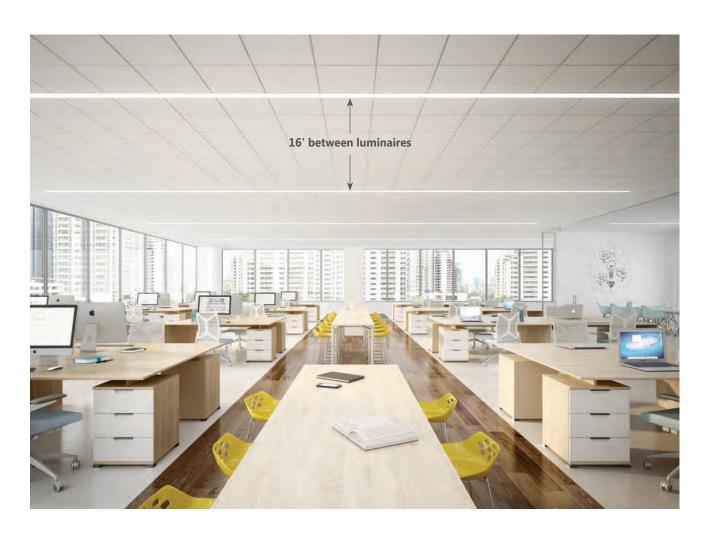


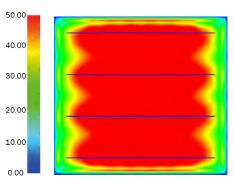




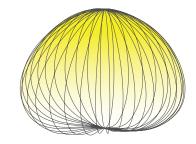
# **High-performance optics**

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





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

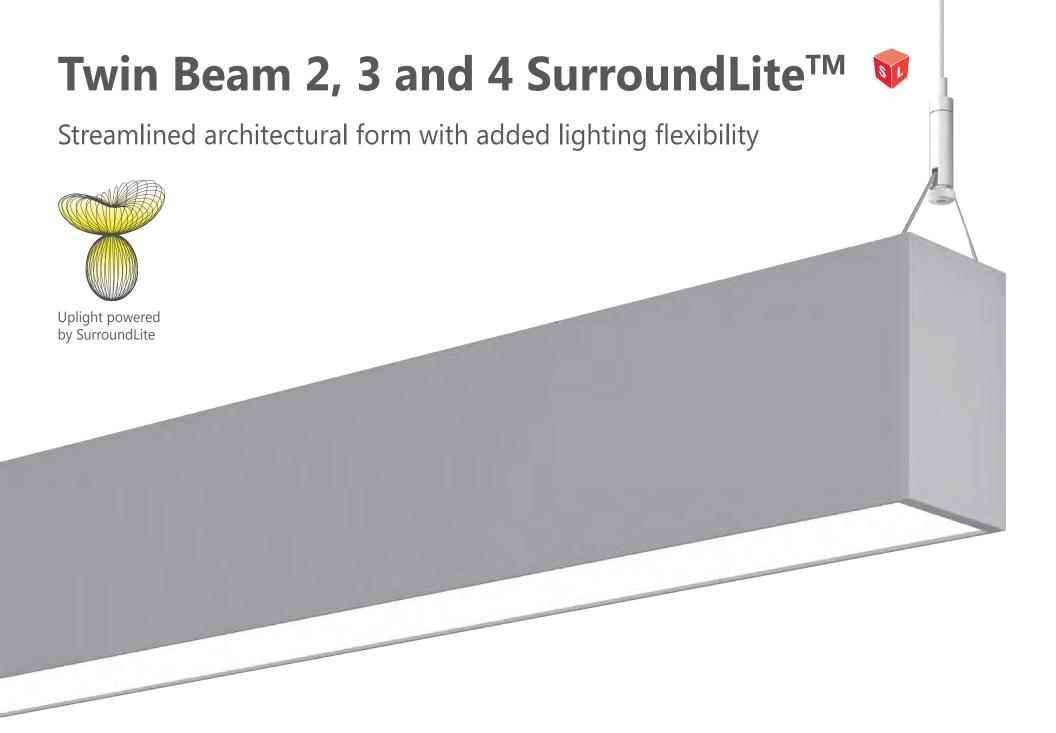
Create clean, seamless runs that are quicker to install with this quality press-in acrylic lens that will not crinkle or bow. Available in lengths of up to 48'.



#### 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.





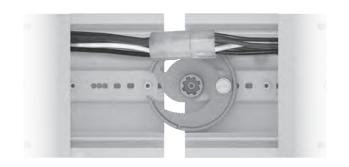


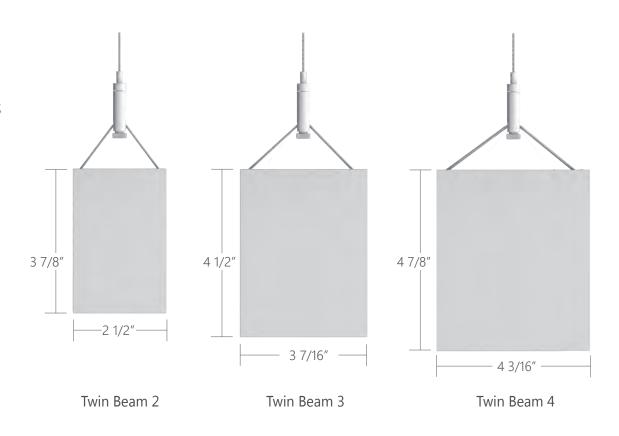
# More lighting power in a trimmer package

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.



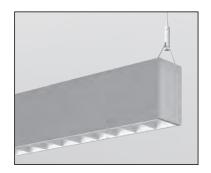




## **Greater optical versatility**

Twin Beam 2, 3 and 4 SurroundLite<sup>™</sup> 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**



Louver



Glo Lens



Flush Lens

## Glo Lens



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

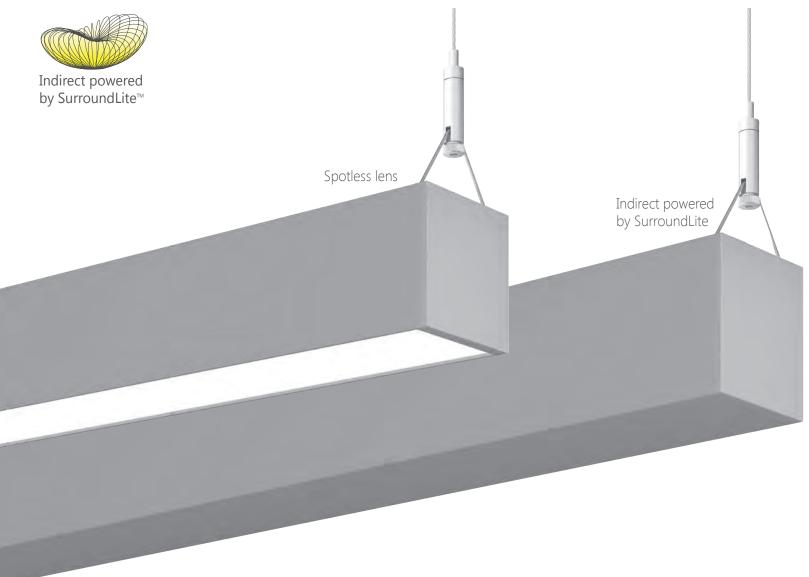
		Twin Beam 2	Twin Beam 3	Twin Beam 4
SHIELDING INDIRECT	SurroundLite SurroundLite Asy.	<b>√</b>	<b>√</b>	<b>✓</b>
	Glo Lens 0.25"	<b>√</b>	<b>√</b>	<b>√</b>
	Spotless Lens	<b>√</b>	<b>√</b>	<b>√</b>
	Glo Lens 0.25"	$\checkmark$	$\checkmark$	<b>√</b>
	Louver	$\checkmark$		
SHIELDING DIRECT	StepLens		1.25"	1.5"

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



# Beam 2 Square 💗

New Square Design with Added Lighting Functionality





# 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 wellsuited 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.



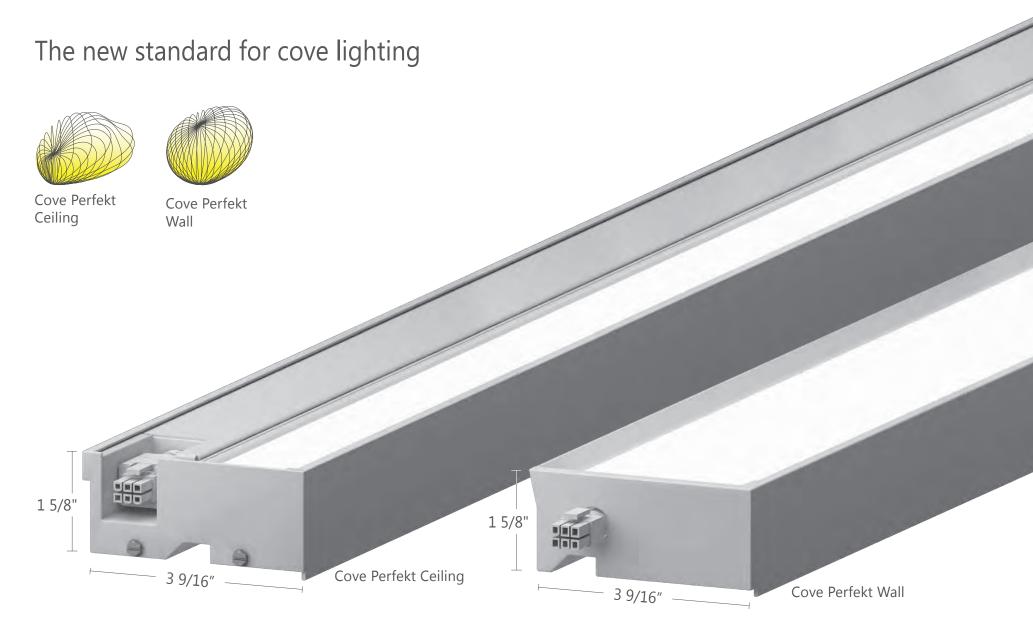
Cove Perfekt - Ceiling



Cove Perfekt - Wall

# SurroundLite Cove Systems

## **Cove Perfekt**





# 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.

- Available with color tuning options.

### **Easy Installation**



Telescoping Cable for Easy Installation







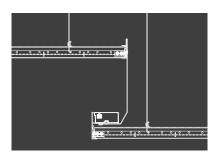
T - End Power Feed



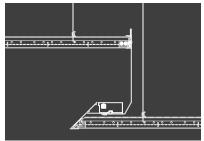
# Cove Perfekt & Armstrong Axiom Cove: The Perfect Partnership

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.

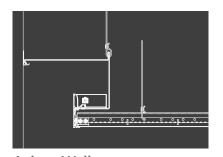
Axiom cove ordered separately. Cove Perfekt by Axis may also be used in other cove installations. To order an Axiom Indirect Cove, contact your local Armstrong sales representative or call 1-877-276-7876. armstrong.com/axiomlightcoves



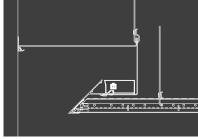
Axiom Ceiling Classic Profile



Axiom Ceiling Knife Edge® Profile



Axiom Wall Classic Profile



Axiom Wall Knife Edge® Profile









## **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<sup>TM</sup>, 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.

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