PERSPECTIVES 1

Architectural Lighting Innovations

Slim 2xSurroundLite® / Beam 4 SurroundLite® / Twig SurroundLite® / Slim SurroundLite® / Downlight Inserts / MidFlex / SkyeView and SkyeScape

axis

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.

"A room is not a room without natural light."

– Louis Kahn

Daylight is a natural model for bringing spaces to life, as its diffuse and distinct qualities help improve our perception of surroundings and our appreciation of the spaces we occupy.

Recognizing daylight's immense value and significance, Axis has developed lighting technologies that mimic the space-enhancing and eye-appealing features of natural light, in keeping with the architect's preference for aesthetic, versatile and customizable luminaire solutions.

These **Innovative Lighting Technologies** seek to recapture the essence of lighting while optimizing lighting effectiveness. They form a new palette of architectural lighting tools engineered to deliver balanced, controlled LED light that replicates daylight effectively in a myriad of ways.

The first of these lighting technologies are featured here alongside new luminaire forms. Welcome to **Perspectives 1** of the Axis technology initiative.

2xSurroundLite®

Slim Dual-control Pendant

Contents

2xSurroundLite

SurroundLite™ – New Offerings

Inside the Technology

Dual Integrated Drivers.
A Unique Lighting Proposition.

2xSurroundLite® technology features two separately controlled lightguides – one for ambient lighting (uplight), the other for task lighting (downlight). In addition, each lightguide driver can be controlled through standard 0-10V dimming, as well as integrated daylight and occupancy sensors for added energy savings. Each lightguide provides all the benefits of SurroundLite's spherical 3D batwing light distribution, including superior lighting effectiveness (up to 97 LPW) and wide light distribution resulting in fewer and shorter luminaires in any given space.

The ultimate in lighting flexibility

Separate ambient and task lighting control gives designers and end users all the quality LED lighting they need, when and where they need it. And it facilitates the creation of layers of light resulting in a space with effective illumination on both horizontal and vertical planes. 2xSurroundLite lets you choose from:
- HI-output and LO-output models
- Multiple up/down lumen output combinations per model (see pages 8-9) to meet your maximum allowable energy requirements and target light levels.
- 80 CRI and 90 CRI light engines
- Various shielding options suited to different direct lighting requirements.

Applications in every building

2xSurroundLite luminaires are best suited for private offices, conference rooms and open areas where task lighting varies by department and occupant preference. They present unlimited combinations of direct and indirect light intensities to meet a wide variety of **vertical, ambient and task** light level requirements. And their dimming control capabilities save energy while allowing building managers and occupants to fine tune lighting intensities according to end user, task, time of day, daylight contribution, personal preference and environment.

2xSurroundLite offers ambient (up) and task (down) lighting control in a single luminaire.

UPLIGHT

DOWNLIGHT

Ambient Lighting Control

Task Lighting Control
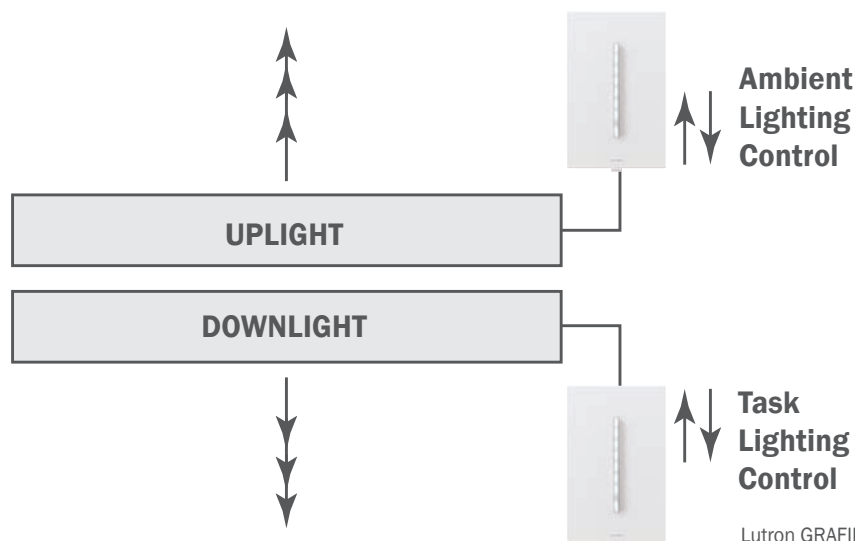
Lutron GRAFIK T dimmer shown

2xSURROUNDLITE®

True Lighting Benefits

Total Lighting Control

Dual drivers provide three areas of control:
- **Light Consumption** (maximum lumen output / wattages)
- **Light Allocation** (ambient and task)
- **Light Intensity** (dimming control)

Adaptable Light Settings

One can program an endless number of different uplight/downlight light intensity combinations, including floor-wide ambient light settings, to suit diverse application needs. Also, occupant and sensor-controlled dimming provides added energy savings.

Optimal Application Flexibility

Lighting designers determine factory-set maximum lumen outputs according to the different lighting requirements in a space and power allowances set by local energy codes (see pages 8-9).

Reduced 'Cave Effect' – Uplight Component

- Wide 3D batwing uplight distribution lights up corners and seams where ceiling and walls join.
- Luminaire extremities also feature 3D light distribution, lighting up adjacent spaces and vertical planes.

Glare Mitigation

Non-Lambertian Distribution: 2xSurroundLite® technology spreads out light in a wide distribution for ambient uplighting and controlled narrow distribution with adequate cut-off for task downlighting.
Shielding Options: VL Optic and Smooth lens add another layer of control to the light-emitting area.

Visual Comfort

Improved Facial Modeling: Reflected light from illuminated surfaces within the space results in soft fill light on the vertical plane.
Balanced Luminance: The light-emitting area at the bottom is lit even when task lighting is turned off. Light spilling from the top lightguide on to the bottom lightguide creates a glow on the bottom surface, increasing visual comfort.

2xSURROUNDLITE®

Three Good Reasons for Dual Control

ADAPTABILITY

2xSurroundLite features separate ambient and task lighting control in a single luminaire. This makes it easier to meet the visibility requirements of horizontal tasks (illuminance) and the need for softly lit vertical planes (luminance). In addition, it delivers **more freedom to designers and more versatility to end users**. Designers can create different layers of light to achieve lighting concepts that match their vision for various lit environments. End users can better accommodate mixed-use spaces and multi-function work areas by modulating downlight intensities in accordance with the different task lighting needs of individuals and departments.

ENERGY EFFICIENCY

Wide light distribution and good lighting effectiveness means more LED lighting per watt. This translates into energy-code compliance through the **use of fewer and shorter luminaires**, and the ability to implement a wide variety of energy-saving lighting strategies, including daylight harvesting and workstation-specific lighting. Furthermore, dimming provides added energy saving opportunities, as occupants are more likely to use dimming controls if available.

PRODUCTIVITY

Visual comfort is key to enhancing worker productivity. 2xSurroundLite's uniform spread of light **eliminates hot spots** associated with Lambertian light distributions. In addition, reflected light produces soft fill light and helps illuminate vertical planes. When the downlight component is off or dimmed down to minimum, the bottom of the luminaire maintains a soft glow, thereby reducing contrast and unwanted glare. There is also 2xSurroundLite's ability to meet individual/group lighting preferences.

Slim 2xSurroundLite – Main Features

Separate ambient/task lighting control in a single luminaire

Ultra-thin Slim pendant profile

Advances similar to those in the Slim SurroundLite pendant (see p. 31)

Ambient/Task Lighting Scenarios

2xSURROUNDLITE®

Individual Workstations

Maximize ambient/task light levels for spaces with little daylight contribution.

Increase task lighting according to application needs and individual preferences.
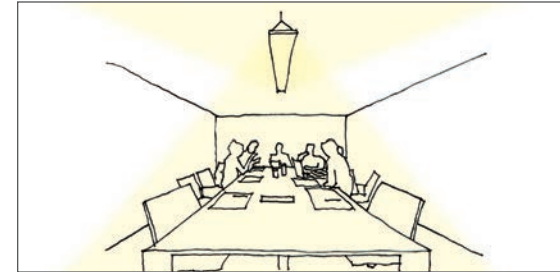
Shared Multi-use Spaces

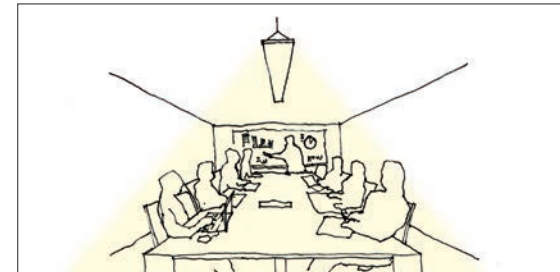Set a comfortable scene with a soft ambient light layer.

Ambient/task components automatically dim down with daylight harvesting.
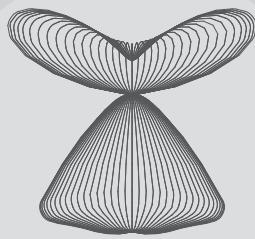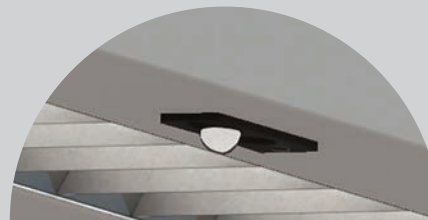
Conference Rooms

Use space more effectively by placing the right amount of light where you need it.

Adjust ambient light levels for slide presentations.

Wide, non-Lambertian balanced LED lighting
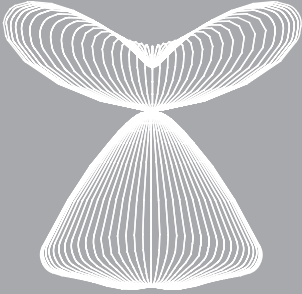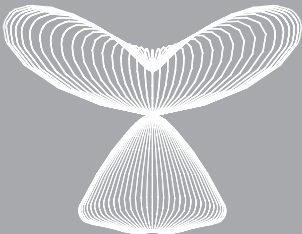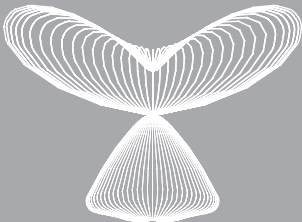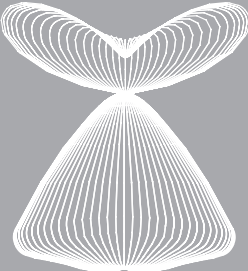

Available integrated light/ occupancy sensors

LPW
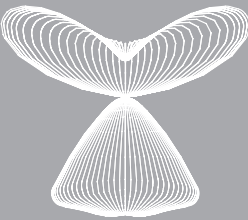
Good lighting effectiveness – up to 97 lumens per watt

HI-output

9 High-ranging Up/Down Options

The HI-output version of Slim 2xSurroundLite features up/down lighting combinations that can meet the needs of a wide variety of applications, including spaces whose occupants present very diverse lighting requirements.
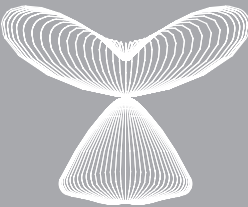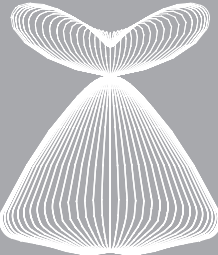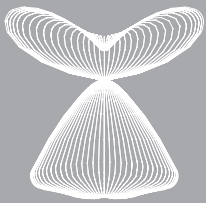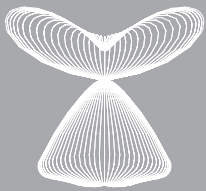
- Suitable for areas in need of higher light levels, such as retail outlets and laboratories.
- Ideal for high-ceiling spaces and tasks requiring higher precision.
- Greater range of intensities through dimming.
- Choice of 80 CRI or 90 CRI

	1250 down	1000 down	750 down
1500 up	TNLO – 2750 lm/ft TSIW – 31.75 W/ft	TNLO – 2500 lm/ft TSIW – 28.75 W/ft	TNLO – 2250 lm/ft TSIW – 25.5 W/ft
1250 up	TNLO – 2500 lm/ft TSIW – 28.75 W/ft	TNLO – 2250 lm/ft TSIW – 25.5 W/ft	TNLO – 2000 lm/ft TSIW – 23 W/ft
1000 up	TNLO – 2250 lm/ft TSIW – 25.5 W/ft	TNLO – 2000 lm/ft TSIW – 23 W/ft	TNLO – 1750 lm/ft TSIW – 20 W/ft
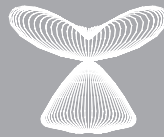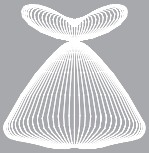
TNLO: Total Nominal Lumen Output. Determine according to luminaire length. 80 CRI values shown.
TSIW: Total System Input Watts. Determine according to luminaire length. 80 CRI values shown.

LO-output

9 Low-ranging Up/Down Options

The LO-output version of Slim 2xSurroundLite features up/down lighting combinations that can also meet the needs of a wide variety of applications, including spaces whose occupants present very diverse lighting requirements.

- Suitable for areas requiring lower ambient light levels, such as commercial applications and multifunctional office areas.
- Ideal for low-energy buildings as well as tasks requiring lower luminance under the luminaire.
- Lower risk of glare and visual discomfort.
- Choice of 80 CRI or 90 CRI

	750 down	500 down	250 down
1000 up	TNLO – 1750 lm/ft TSIW – 20 W/ft	TNLO – 1500 lm/ft TSIW – 17 W/ft	TNLO – 1250 lm/ft TSIW – 13.75 W/ft
750 up	TNLO – 1500 lm/ft TSIW – 17 W/ft	TNLO – 1250 lm/ft TSIW – 13.75 W/ft	TNLO – 1000 lm/ft TSIW – 11.25 W/ft
500 up	TNLO – 1250 lm/ft TSIW – 13.75 W/ft	TNLO – 1000 lm/ft TSIW – 11.25 W/ft	TNLO – 750 lm/ft TSIW – 8.5 W/ft

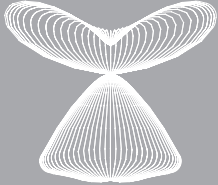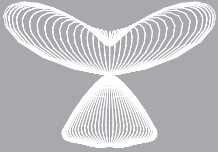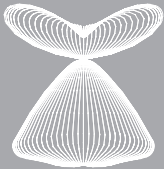**TNLO:** Total Nominal Lumen Output. Determine according to luminaire length. 80 CRI values shown.
TSIW: Total System Input Watts. Determine according to luminaire length. 80 CRI values shown.

2xSURROUNDLITE®

Product Features

Slim 2xSurroundLite Dual-control Pendant

With its clean lines and ultra-thin 1 3/8" (3.5 cm) profile, the Slim 2xSurroundLite Dual-control Pendant lets you control uplight and downlight separately, and in style. It comes in two versions: **HI-output** and **LO-output**.

Total lumen packages vary from 750 lm/ft to 2,750 lm/ft to meet a wide range of light level requirements and power density allowances. Consult pages 8-9 to select the HI-output or LO-output lumen package best suited to your application needs.

FEATURES	BENEFITS
SurroundLite Technology	Wide, 3D spherical distribution along, across and from luminaire extremities
	90 CRI option
	Optimized component integration (driver, thermal, optical, etc.) delivering higher efficacy and longer life
SurroundLite (UP)	Balanced, uniform LED lighting on ceiling similar to daylight
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
SurroundLite (DOWN)	Shielding options for downlight control and glare mitigation
	Soft glow when downlight component off, improving visual comfort
Separate Uplight/ Downlight Control	Adaptability for mixed-use environments
	Dimming according to individual preferences
	Added energy savings through integrated sensors

HI-output

VL VL Optic

SM Smooth lens

DIMENSIONS
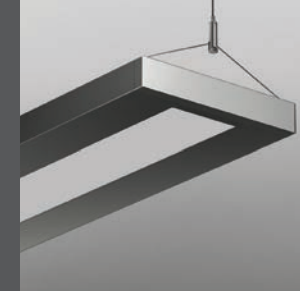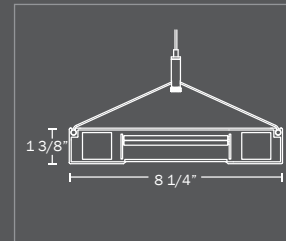
1 3/8"
8 1/4"

Light spilling from the top lightguide on to the bottom lightguide creates a glow on the bottom surface, increasing visual comfort (for absence of glow in a dual-control luminaire, use Axis Beam 4 SurroundLite on pages 12-13).

LO-output

VL VL Optic

SM Smooth lens

2xSURROUNDLITE®

0-10V DIMMING CONTROL

• Separate up & down
• Continuous
• 100% – 10%*

UPLIGHT

DOWNLIGHT

* 100% - 1% using DALI or EcoSystem

New Offerings — Beam 4

Beam 4 SurroundLite Dual-control Pendant

| FEATURES	BENEFITS
SurroundLite Technology (UP)	Balanced, uniform LED lighting on ceiling similar to daylight
	Wide, 3D spherical distribution along, across and from luminaire extremities
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
	90 CRI option
	Optimized component integration delivering higher efficacy and longer life
MidFlex* Light Engine (DOWN)	Improved efficacy to help meet stringent energy codes
	90 CRI option
Separate Uplight/ Downlight Control	Adaptability for mixed-use environments
	Dimming according to individual preferences
	Added energy savings through integrated sensors

* See page 19 for more information.

Beam 4 SurroundLite Indirect Pendant

FEATURES	BENEFITS
100% Indirect Lighting	Superior visual comfort from reflected light
	Complements other layers of light (e.g. accent, task)
	Wider spacing of luminaires
SurroundLite Technology	Balanced, uniform LED lighting on ceiling similar to daylight
	Wide, 3D spherical distribution along, across and from luminaire extremities
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
	90 CRI option
	Optimized component integration (driver, thermal, optical, etc.) delivering higher efficacy and longer life

BEAM4 SurroundLite®

APPLICATIONS

- Ideal for lighting up ceilings and corners
- High and low ceiling applications
- Continuous lines of light (direct portion)
- Commercial (private office, open-plan area), retail, education and healthcare
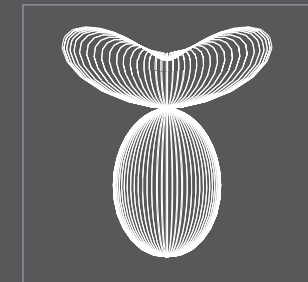
AVAILABLE LUMEN PACKAGES†

		1000 DOWN	750 DOWN	500 DOWN	320 DOWN
1250 UP	TNLO	2250 lm/ft	2000 lm/ft	1750 lm/ft	1570 lm/ft
	TSIW	24.5 W/ft	22 W/ft	19 W/ft	16.6 W/ft
1000 UP	TNLO	2000 lm/ft	1750 lm/ft	1500 lm/ft	1320 lm/ft
	TSIW	22 W/ft	19 W/ft	17 W/ft	13.6 W/ft
750 UP	TNLO	1750 lm/ft	1500 lm/ft	1250 lm/ft	1070 lm/ft
	TSIW	19 W/ft	17 W/ft	14.25 W/ft	10.8 W/ft
640 UP	TNLO	1640 lm/ft	1390 lm/ft	1140 lm/ft	960 lm/ft
	TSIW	19 W/ft	15.3 W/ft	12 W/ft	9.6 W/ft

TNLO: Total Nominal Lumen Output. Determine according to luminaire length.
TSIW: Total System Input Watts. Determine according to luminaire length.
† 80 CRI values shown.

3D POLAR CURVE

DIMENSIONS

5 1/2"
4 5/32"

BEAM4 SurroundLite®
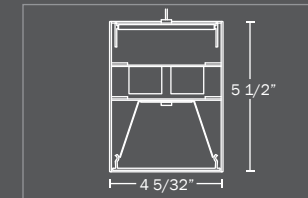
APPLICATIONS

- Ideal for lighting up ceilings
- For use with other Beam 4 SurroundLite pendants or by itself
- Commercial (private office, open-plan area)

AVAILABLE LUMEN PACKAGES*

Nominal UP Lumen Output	Nominal DOWN Lumen Output	Total Nominal Lumen Output	Total System Input Watts**
1250 lm/ft	N/A	1250 lm/ft	56 W
1000 lm/ft	N/A	1000 lm/ft	45 W
750 lm/ft	N/A	750 lm/ft	34 W

* Nominal lumens per foot based on luminaire length. 80 CRI values shown.
** Values based on 4-foot luminaire.

3D POLAR CURVE

DIMENSIONS

5 1/2"
4 5/32"

New Offerings — Twig

Twig SurroundLite Semi-Indirect Pendant

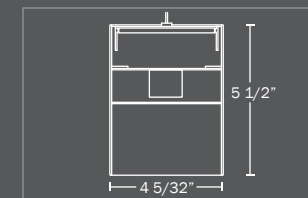| FEATURES	BENEFITS
Regressed downlight aperture	Reduced contrast for added visual comfort
	Soft glow on bottom of pendant
SurroundLite Technology	Balanced, uniform LED lighting on ceiling similar to daylight
	Wide, 3D spherical distribution along, across and from luminaire extremities
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
	90 CRI option
	Optimized component integration (driver, thermal, optical, etc.) delivering higher efficacy and longer life

Twig SurroundLite Semi-Indirect Wall

FEATURES	BENEFITS
Asymmetric Distribution	Controlled light distributions
	No hot spots on wall from backlight spill
	Wide throw of light on ceiling and into space
Regressed downlight aperture	Reduced contrast for added visual comfort
	Soft glow on bottom of luminaire
SurroundLite Technology	Balanced, uniform LED lighting on ceiling similar to daylight
	Wide, 3D spherical distribution along, across and from luminaire extremities
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
	90 CRI option
	Optimized component integration (driver, thermal, optical, etc.) delivering higher efficacy and longer life

twig SurroundLite®

Note: Only rectilinear form available in Twig SL pendant and wall.

AVAILABLE LUMEN PACKAGES*

Nominal UP Lumen Output	Nominal DOWN Lumen Output	Total Nominal Lumen Output	Total System Input Watts**
1125 lm/ft	125 lm/ft	1250 lm/ft	55 W
900 lm/ft	100 lm/ft	1000 lm/ft	42 W
675 lm/ft	75 lm/ft	750 lm/ft	34 W

* Nominal lumens per foot based on luminaire length. 80 CRI values shown.
** Values based on 4-foot luminaire.

3D POLAR CURVE

APPLICATIONS

- Ideal for lighting spaces with low ceilings using minimalistic luminaire forms
- Consider shorter non-continuous runs of luminaires
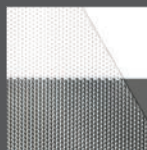- Commercial (private office, open-plan area)

SHIELDING OPTIONS

VL VL Optic **SO** Spotless lens

DIMENSIONS

2 9/16" 4"

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twig SurroundLite®

AVAILABLE LUMEN PACKAGES*

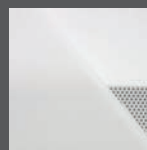| Nominal UP Lumen Output	Nominal DOWN Lumen Output	Total Nominal Lumen Output	Total System Input Watts**
1125 lm/ft	125 lm/ft	1250 lm/ft	55 W
900 lm/ft	100 lm/ft	1000 lm/ft	42 W
675 lm/ft	75 lm/ft	750 lm/ft	34 W

* Nominal lumens per foot based on luminaire length. 80 CRI values shown.
** Values based on 4-foot luminaire.

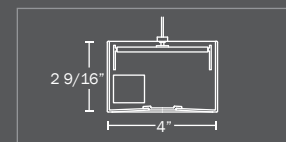### 3D POLAR CURVE

APPLICATIONS

- Ideal for lighting spaces with low ceilings using minimalistic luminaire forms
- Consider shorter non-continuous runs of luminaires
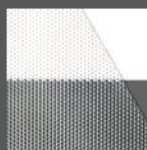- Commercial (private office, corridors, restrooms)

SHIELDING OPTIONS

VL VL Optic **SO** Spotless lens

DIMENSIONS

2 9/16" 4"

SURROUNDLITE®

New Offerings — Slim

Slim SurroundLite Semi-Indirect Wall

FEATURES	BENEFITS
Asymmetric Distribution (75% UP)	Controlled light distributions
	No hot spots on wall from backlight spill
	Wide throw of light on ceiling and into space
Soft Downlight (25% DOWN)	Warm downlight glow complements indirect illumination.
SurroundLite Technology	Balanced, uniform LED lighting on ceiling similar to daylight
	Wide, 3D spherical distribution along, across and from luminaire extremities
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
	90 CRI option
	Optimized component integration (driver, thermal, optical, etc.) delivering higher efficacy and longer life

Slim SurroundLite Indirect Wall

FEATURES	BENEFITS
Asymmetric Distribution	Controlled light distributions
	No hot spots on wall from backlight spill
	Wide throw of light on ceiling and into space
SurroundLite Technology	Balanced, uniform LED lighting on ceiling similar to daylight
	Wide, 3D spherical distribution along, across and from luminaire extremities
	Effective lighting of horizontal/vertical surfaces, reducing cave effect
	90 CRI option
	Optimized component integration (driver, thermal, optical, etc.) delivering higher efficacy and longer life

SLIM SurroundLite®

APPLICATIONS

- Ideal for spaces requiring balanced up and down light components
- For use with Slim SurroundLite pendants or by itself
- Commercial (private office, conference room, open-plan area)

AVAILABLE LUMEN PACKAGES*

Nominal UP Lumen Output	Nominal DOWN Lumen Output	Total Nominal Lumen Output	Total System Input Watts**
750 lm/ft	250 lm/ft	1000 lm/ft	42 W
600 lm/ft	200 lm/ft	800 lm/ft	33 W

* Nominal lumens per foot based on luminaire length. 80 CRI values shown.
** Values based on 4-foot luminaire.

SHIELDING OPTIONS
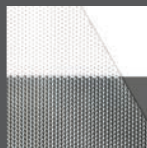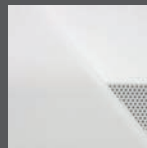
VL VL Optic   **SM** Smooth lens   **PL** Flat-blade Louvers   **RE** Regressed

3D POLAR CURVE

DIMENSIONS

1 3/8"   6 3/4"
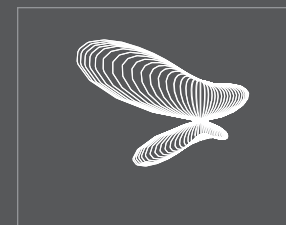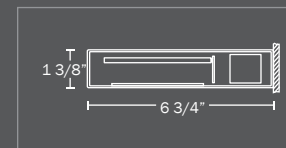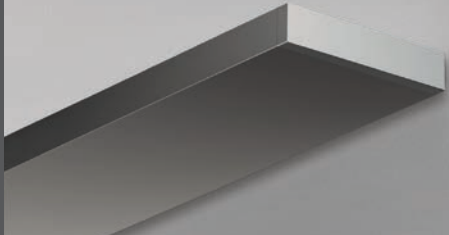
SLIM SurroundLite®

APPLICATIONS

- Ideal for spaces requiring maximum visual comfort
- For use with Slim SurroundLite pendants or by itself
- Commercial (private office, conference room)

AVAILABLE LUMEN PACKAGES*

Nominal UP Lumen Output	Nominal DOWN Lumen Output	Total Nominal Lumen Output	Total System Input Watts**
1000 lm/ft	N/A	1000 lm/ft	42 W
800 lm/ft	N/A	800 lm/ft	33 W

* Nominal lumens per foot based on luminaire length. 80 CRI values shown.
** Values based on 4-foot luminaire.

3D POLAR CURVE

DIMENSIONS

1 3/8"   6 3/4"

SURROUNDLITE®
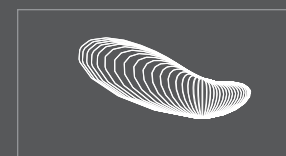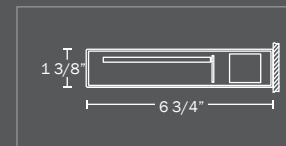
Light Engine Developments

Contents

MidFlex

MidFlex

Same lumens. Fewer watts. Higher efficacy.

MidFlex is a next-generation (B3) LED light engine used in several Axis product families. It offers the same lumen output as the previous generation light engine (B2) while consuming less power and yielding an average 15% increase in LPW. MidFlex uses mid-power LEDs, whose operating temperatures are lower than high-power LEDs, resulting in increased LED performance, longer life and faster payback.

More performance. More flexibility.

- Luminaires incorporating the MidFlex light engine feature more LEDs per foot than similar competing products, providing a wider range of lumen packages.
- Two MidFlex versions:
  - 80 CRI option generates improved LPW.
  - 90 CRI option provides better color rendering (closer to daylight).
- No limit to MidFlex length, ensuring luminaire design flexibility.
- MidFlex light engines use existing driver and controls for easy retrofits.

Multiple energy-saving opportunities

- Meet stringent energy codes with more ease (e.g. California's Title 24).
- Create added energy savings for cost-sensitive and ROI-driven architectural projects.

Air

BEAM

Box mini

picolo medio

prime

Sketch

tek

Downlight Inserts

Main Features

- Clean look, compact form
- Lighting quality similar to halogen
- High-performance downlights ideal for adding layers of light
- Well suited to mixed-use applications combining fixed accent lighting and downlighting
- Superior thermal management
- Integrated driver
- Currently available with Beam 4 and Beam 6 recessed luminaires
- 90 CRI standard (R9 minimum of 50)

Design Flexibility

Extruded plate construction allows for multiple inserts anywhere along the luminaire.
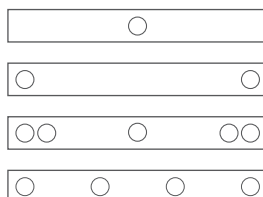
TruSize™ Apertures: The Real Deal

Axis uses only real measurements to identify the aperture sizing of Axis Downlight Inserts. Measurements of competing products are rounded up or down.

Beam 4

1 3/4" DOWNLIGHT INSERT

Nom. Lumen Output	Beam Spread Options		
900 lm	25°	34°	46°
1250 lm	25°	34°	46°

Beam 6

3" DOWNLIGHT INSERT

Nom. Lumen Output	Beam Spread Options		
900 lm	25°	38°	55°
1500 lm	25°	38°	55°

LINEAR STUDIOS

These LED accents are the perfect complement to ambient direct linear lighting. Like rays of sunlight, their precision controlled beams deliver the desired light levels for tasks below.

Creative Luminaire Forms

Contents

The Skye Line

Introducing a new collection of visually attractive LED grid luminaires designed to enhance ceiling areas while delivering superior visual comfort and daylight-inspired illumination.

SkyeView

2x2 and 1x4 recessed forms add visual interest without the need for high-luminance diffusers.

SkyeScape

This recessed troffer is available as a 2x2 and a 4x4. Both models provide an economical solution to simulate a luminous glass ceiling.

Application Ideas

SkyeView

Shape the flow of circulation in an open space or design an elegant pattern above a conference table.

- Visual Comfort
- Minimalistic Appearance
- Shallow Housing

SkyeScape

Enhance the perimeter of a space by forming an outer luminous path or create a central luminous ceiling to softly illuminate an open lobby.

- Luminous Ceiling Effect
- Lighting Design Flexibility
- Clean, Elegant Look

SkyeView Up Close

SkyeView incorporates a unique luminous lens that replicates natural light while creating visual interest and a sense of open sky on a mildly overcast day.

SkyeView

SkyeView comes with a specially designed shielding offering precision optics and a square-in-square appearance. Choice of regressed or flush models. Integrated sensors available.

Visual Appeal

The light-emitting shield has two layers of light diffusion featuring visually differentiated shielding design elements. The resulting optic provides a warm glow and visual comfort without the need for high-luminance diffusers.

Aesthetic Statement

These innovative LED luminaires are ideally suited to provide visually pleasing, dimmable ambient lighting in specialty locations equipped with suspended ceiling grids, including lobbies, public spaces and certain commercial areas (see page 24).

Only 3 1/2" (8.9 cm) deep

Shallow housing depth suited to low ceilings and narrow/cluttered plenums.

2xVL shielding

Integrated optic ensures visual comfort with subtle elegance using two distinct prism designs: inner area prisms are more concentrated to mitigate glare, while outer area prisms allow more light to filter through, producing an appealing glow.

SkyeView Recessed Grid Luminaires

2x2

1x4

Flush version available

Available Lumen Packages (Nominal)

2400 lm • 3200 lm • 4500 lm

SkyeScape Up Close

With SkyeScape, Axis offers yet another flexible, low-cost lighting design tool for adding visual appeal to architectural spaces.

4x4

SkyeScape

Introducing SkyeScape, an affordable way to create a signature luminous ceiling that resembles a shaft of natural light. Available only in 2x2 and 4x4 flush models. Choice of remote sensors.

Elegant Design

With its minimalist square form, flush appearance and uniformly lit diffuser, SkyeScape creates attractive, dimmable ambient lighting ideally suited to high-ceiling spaces.

Endless Possibilities

SkyeScape lets you build a wide range of rectilinear, daylight-inspired LED lighting concepts featuring a backlit glass-like ceiling.
The luminaire is well suited for designing innovative multi-unit installations in a variety of spaces (see page 25).

Only 3 1/2" (8.9 cm) deep

Shallow housing depth suited to low ceilings and narrow/cluttered plenums.

Decorative fasteners

Standard small round fasteners made of brushed aluminum hold the 1/2" (1.27 cm) acrylic shield in place with style.

SkyeScape Recessed Grid Luminaires

2x2

When installed side-by-side, SkyeScape's glass-like shield offers a clean appearance as it conceals ceiling grid T-bars.

Available Lumen Packages (Nominal)

2x2: 600 lm • 1200 lm • 2400 lm • 3200 lm • 4500 lm
4x4: 4800 lm • 8000 lm • 10000 lm • 12000 lm

Axis Design Flexibility

Being customer-oriented drives our efforts to meet your most demanding luminaire design needs.
Axis has developed three manufacturing strategies featuring increasing degrees of complexity and customization. From standard options to slight design adjustments to new product design, Axis listens and is able to deliver.

Standard luminaires	Luminaires with modifications	Designing new luminaires
Build To Order	**Design To Order**	**Codevelopment**

Slim 2xSurroundLite® Dual-control Pendant
(see pages 2 to 11)

Beam 4 SurroundLite Direct-Indirect Pendant
(see page 12)

What kind of lighting do you have in mind?
In addition to creating new light forms, Axis has the flexibility to meet specific light distribution needs. Certain recent Codevelopment projects have extended the SurroundLite offering with new dual-control luminaires (see photos opposite).

Slim SurroundLite® Up Close

One of the leading lighting developments of 2014

Introduced in 2014, the Slim SurroundLite pendant has been selected for inclusion in the 2014 Progress Report of the Illuminating Engineering Society (IES). The IES Progress Report is an annual review recognizing noteworthy developments in the art and science of lighting.

Shaping LED light in unique fashion

Slim pendants with SurroundLite technology feature a three-dimensional batwing uplight distribution that produces uniformly diffuse light, resembling natural light. The resulting balanced brightness facilitates lighting design and enhances architectural elements, as wide planes of light sweep the space in all directions... on the ceiling, in corners and where walls join the ceiling.

Industry Firsts
- First engineered integral flush louver system
- First regressed uniformly diffuse lightguide
- First 8-foot continuous lightguide
- First 8-foot continuous smooth lens
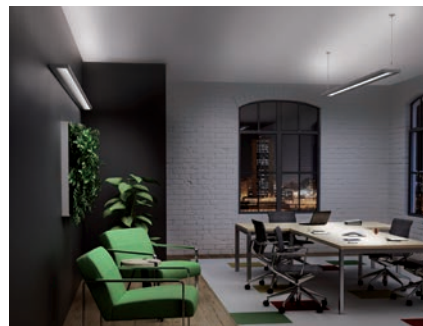
Without **SurroundLite**

With **SurroundLite**

Luminaire Guide

SLIM 2xSURROUNDLITE™ DUAL-CONTROL PENDANT LED

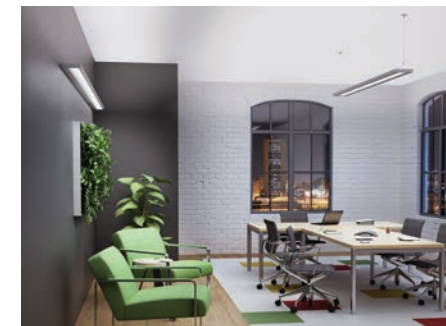| 1 PRODUCT ID	2 VERSION	3 LIGHT ENGINE	4 NOM. LM/FT UP	5 NOM. LM/FT DOWN	6 CRI	7 COLOR TEMP.	8 SHIELDING
SL2HLED pendant led HI-output	B3 version 3	2xSL 2xsurroundlite	1500 1500 lm/ft 1250 1250 lm/ft 1000 1000 lm/ft	1250 1250 lm/ft 1000 1000 lm/ft 750 750 lm/ft	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	VL VL Optic SM Smooth lens
SL2LLED pendant led LO-output	B3 version 3	2xSL 2xsurroundlite	1000 1000 lm/ft 750 750 lm/ft 500 500 lm/ft	750 750 lm/ft 500 500 lm/ft 250 250 lm/ft	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	VL VL Optic SM Smooth lens

BEAM4 SURROUNDLITE™ DUAL-CONTROL PENDANT LED

1 PRODUCT ID	2 VERSION	3 L. ENGINE UP	4 NOM. LM/FT UP	5 VERSION	6 L. ENGINE DOWN	7 NOM. LM/FT DOWN	8 CRI	9 COLOR TEMP.	10 SHIELDING
BBLED2 pendant led	B3 version 3	SL surroundlite	1250 1250 lm/ft 1000 1000 lm/ft 750 750 lm/ft 640 640 lm/ft	B3 version 3	MF MidFlex LED	1000 1000 lm/ft 750 750 lm/ft 500 500 lm/ft 320 320 lm/ft	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	SO Spotless lens

BEAM4 SURROUNDLITE INDIRECT PENDANT LED*

1 PRODUCT ID	2 VERSION	3 LIGHT ENGINE	4 NOM. LM/FT	5 CRI	6 COLOR TEMP.	7 SHIELDING
BBILED2 pendant led	B3 version 3	SL surroundlite 100%up/0%down	1250 1250 lm/ft 1000 1000 lm/ft 750 750 lm/ft	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	NO No shielding

TWIG SURROUNDLITE SEMI-INDIRECT PENDANT LED*

1 PRODUCT ID	2 VERSION	3 LIGHT ENGINE	4 NOM. LM/FT	5 CRI	6 COLOR TEMP.	7 SHIELDING
TWRLED rectilinear pendant led	B3 version 3	SL 90/10 surroundlite 90%up/10%down	1250 1250 lm/ft 1000 1000 lm/ft 750 750 lm/ft	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	VL VL Optic SO Spotless lens

TWIG SURROUNDLITE SEMI-INDIRECT WALL LED*

1 PRODUCT ID	2 VERSION	3 LIGHT ENGINE	4 NOM. LM/FT	5 CRI	6 COLOR TEMP.	7 SHIELDING
TWRWLED rectilinear wall led	B3 version 3	SL 90/10 surroundlite 90%up/10%down	1250 1250 lm/ft 1000 1000 lm/ft 750 750 lm/ft	80 80 CRI 90 90 CRI	30 3000 K 35 3500 K 40 4000 K	VL VL Optic SO Spotless lens

Bx refers to the current version/generation of LEDs available. As LEDs improve in performance, so too will the version of LEDs used in these and other Axis products (B4, B5, etc). With Axis Spec-It-Forward, you can always specify the latest in LED technology regardless of your project timeline. Consult factory for more details.

* Lower lumen packages available upon request.

SLIM SURROUNDLITE INDIRECT WALL LED*

1 PRODUCT ID		2 VERSION		3 LIGHT ENGINE		4 NOM. LM/FT		5 CRI		6 COLOR TEMP.		7 SHIELDING	
SLWLED	wall led	B3	version 3	SL 100/0	surroundlite 100%up/0%down	1000	1000 lm/ft	80	80 CRI	30	3000 K	NO	No shielding
						800	800 lm/ft	90	90 CRI	35	3500 K		
										40	4000 K		

SLIM SURROUNDLITE SEMI-INDIRECT WALL LED*

1 PRODUCT ID		2 VERSION		3 LIGHT ENGINE		4 NOM. LM/FT		5 CRI		6 COLOR TEMP.		7 SHIELDING	
SLWLED	wall led	B3	version 3	SL 75/25	surroundlite 75%up/25%down	1000	1000 lm/ft	80	80 CRI	30	3000 K	VL	VL Optic
						800	800 lm/ft	90	90 CRI	35	3500 K	PL	Flat-blade louvers
										40	4000 K	SM	Smooth lens
												RE	Regressed

SLIM SURROUNDLITE INDIRECT PENDANT LED*

1 PRODUCT ID		2 VERSION		3 LIGHT ENGINE		4 NOM. LM/FT		5 CRI		6 COLOR TEMP.		7 SHIELDING	
SLLED	pendant led	B3	version 3	SL 100/0	surroundlite 100%up/0%down	1000	1000 lm/ft	80	80 CRI	30	3000 K	NO	No shielding
						800	800 lm/ft	90	90 CRI	35	3500 K		
										40	4000 K		

SKYEVIEW RECESSED LED

1 PRODUCT ID		2 SIZE		3 VERSION		4 TOTAL NOM. LUMENS		5 COLOR TEMP.		6 SHIELDING		7 SHIELDING POSITION	
SKVLED	recessed led	22	2' x 2'	B4	version 4	2400	2400 lm	30	3000 K	2xVL	2xVL Optic	FL	Flush
						3200	3200 lm	35	3500 K			RE	Regressed
						4500	4500 lm	40	4000 K				
SKVLED	recessed led	14	1' x 4'	B4	version 4	2400	2400 lm	30	3000 K	2xVL	2xVL Optic	FL	Flush
						3200	3200 lm	35	3500 K			RE	Regressed
						4500	4500 lm	40	4000 K				

SKYESCAPE RECESSED LED

| 1 PRODUCT ID		2 SIZE		3 VERSION		4 TOTAL NOM. LUMENS		5 COLOR TEMP.		6 SHIELDING		7 SHIELDING POSITION	
SKSLED	recessed led	44	4' x 4'	B4	B4 version	4800	4800 lm	30	3000 K	GL	GL Optics	FL	Flush
						8000	8000 lm	35	3500 K				
						10000	10000 lm	40	4000 K				
						12000	12000 lm						
SKSLED	recessed led	22	2' x 2'	B4	B4 version	600	600 lm	30	3000 K	GL	GL Optics	FL	Flush
						1200	1200 lm	35	3500 K				
						2400	2400 lm	40	4000 K				
						3200	3200 lm						
						4500	4500 lm						

Innovative Lighting Technologies

2 SurroundLite®

SurroundLite – New Offerings
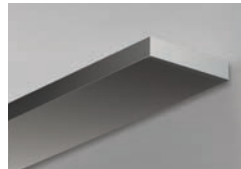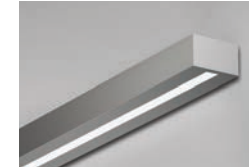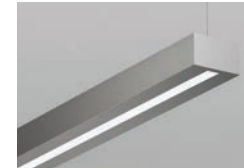
Light Engine Developments
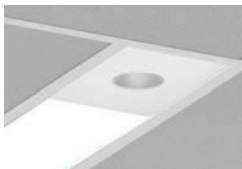
MidFlex

New Product Introductions

Luminaire Profiles

Shown ACTUAL SIZE

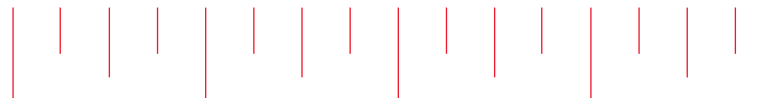1 3/8"

Slim 2xSurroundLite® Dual-control Pendant
Slim SurroundLite® Pendant
Slim SurroundLite® Wall

Twig SurroundLite™
Pendant & Wall

4"

axis

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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