

AXIOM[®] + CovePerfekt[™]

Introducing The New Standard For Cove Lighting



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

Inspired by Mies van der Rohe's minimalist approach and famous quote "less is more," 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.

While Armstrong innovated with Axiom® Indirect Light Coves, Axis designed CovePerfekt™.

The result: A foolproof, pre-engineered cove system and an aim-free, high-performance cove light that were made for each other... Together, they represent the new standard for cove lighting.



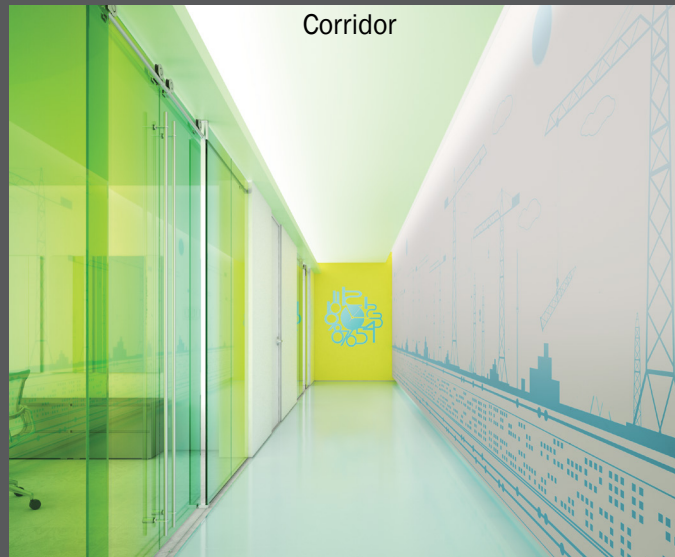
CEILING SYSTEMS



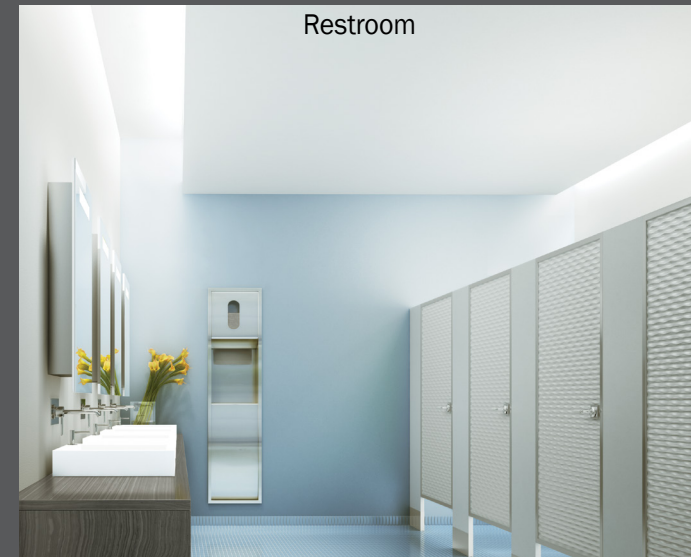
Conference Room



Corridor



Restroom



AXIOM® + CovePerfekt™

- ✓ Up to twice the efficiency of other cove products.
 - ✓ Multiple features packed into only four luminaires.
 - ✓ Foolproof mounting. Aim-free lighting.
-

Cove lighting will never be the same...

Healthcare



Office

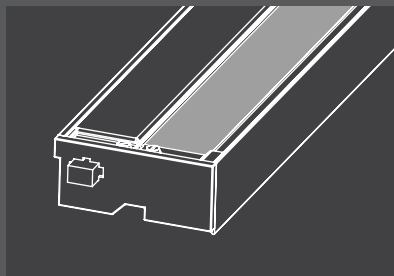


Lobby

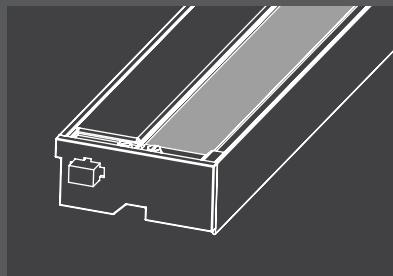


CovePerfekt™

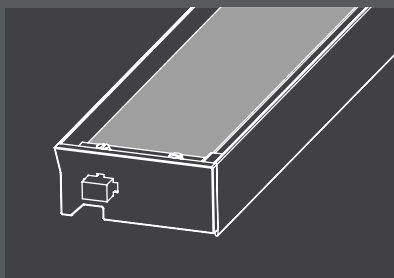
axis



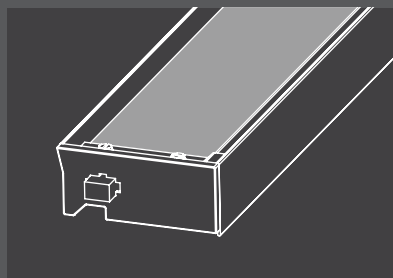
Ceiling Hi-Output



Ceiling Lo-Output



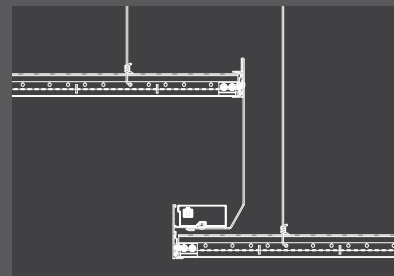
Wall Hi-Output



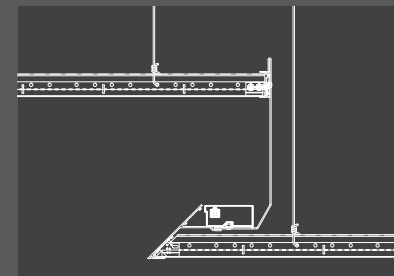
Wall Lo-Output

AXIOM®

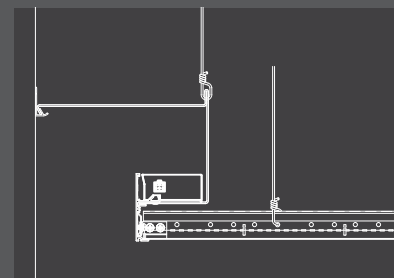
Armstrong®
CEILING SYSTEMS



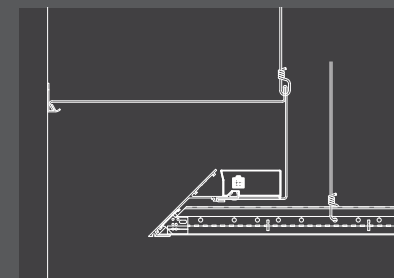
Ceiling - Classic Profile



Ceiling - Knife Edge® Profile



Wall - Classic Profile



Wall - Knife Edge® Profile

FEATURES

- Choice of Ceiling-to-Ceiling (Ceiling) and Ceiling-to-Wall (Wall)
- Up to 12-foot continuous luminaire lengths (one-foot increments)
- 10-foot pre-engineered light cove sections for continuous runs of any length
- Controls agnostic — compatible with various control options

AESTHETICS

- No lamp images
- No socket shadows
- No color shifting
- No bright spots
- No dark ends
- Just total visual comfort

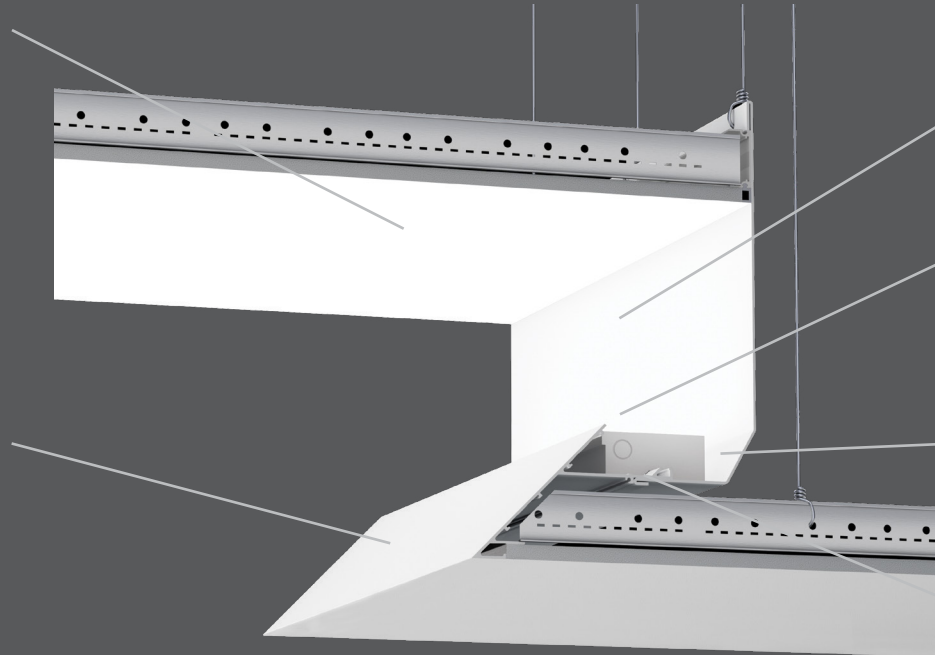
PERFORMANCE

- Optical performance tailored to cove applications
- Predictable lighting performance using Axiom® Indirect Light Coves
- SurroundLite™ optics with 180° distribution
- Improved LED lighting effectiveness – same amount of ambient light using as little as half the watts
- Integrated driver (Ceiling, Wall) and battery (Ceiling)

The ultimate cove lighting solution... CovePerfekt™ in an Axiom® Indirect Light Cove

SurroundLite™ asymmetric distribution puts light where you need it

Knife Edge® profile brings Armstrong® suspended ceiling materials to edge of light cove



Soft glow at back of cove

Luminaire position at very front of cove to maximize efficiency

Optional air return slots

Keyed system ensures foolproof installation, integrates with compatible luminaires

SPECIFICATION

- One aim-free product does it all
- No need for complex cove details
- No need to select beam angles, figure out cove dimensions and locate remote drivers and other components
- No construction coordination required

INSTALLATION (in AXIOM® Light Coves)

- Architectural keying system eliminates improper mounting of luminaires
- Tool-free installation of luminaires
- Up to 90% less labor to install coves
- Easy onsite trade coordination
- Long runs conveniently connected to a single line-voltage circuit (up to 100 feet)

MAINTENANCE

- Hassle-free operation – will not overheat
- Easy access to components
- No dust cover required
- Dust and dirt do not affect light distribution
- Modular construction: field-replaceable components

Luminaires Powered by SurroundLite™



With the introduction of CovePerfekt™, Axis extends its range of luminaires benefiting from SurroundLite optics. Today, cove lighting. Tomorrow, more new and innovative products to join the growing line of luminaires powered by SurroundLite.

SurroundLite features proven technology exclusive to Axis that delivers high-performance ambient lighting. Using a systems approach, components work together to shape LED output in all three dimensions, providing unsurpassed application effectiveness. It's not about total lumen output; it's about getting more out of LEDs by sweeping the space with visually pleasing quality light.



◀ CovePerfekt

Designed to Bend Light

The SurroundLite optics is made of precisely coded and aligned molecules that are engineered to bend light into the space. In addition, its flat optic is optimized for use with a single beam angle, so no aiming is required.

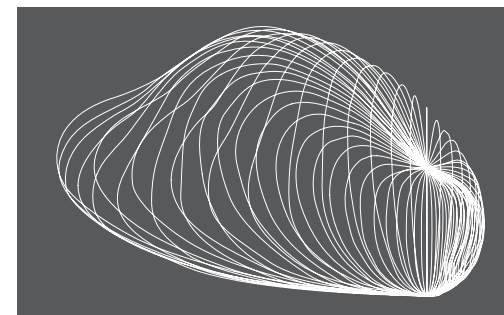
Exceptional Lighting Uniformity

The wide 3D, 180-degree non-lambertian distribution sends light along, across and out from luminaire ends. The wide diffuse illumination ensures reduced cave effect and balanced lighting.

Up to Twice the Efficiency

Most fluorescent and LED cove lights waste a lot of light. CovePerfekt uses as little as half the energy to produce the same amount of light while providing superior light distribution.

Polar Curve – CovePerfekt Ceiling ▶



Lighting Optimized for AXIOM® Indirect Light Coves

	Standard LED Cove Lights (with rotating optics)	CovePerfekt	CovePerfekt integrated in AXIOM Light Coves
Cove			
Wide range of pre-engineered sizes: Classic and Knife Edge® profiles			√
Crisp edge details, factory-mitered corner pieces and no visible fasteners			√
Extruded aluminum construction with factory-attached formed sheet aluminum			√
Factory finished to match approved samples			√
Luminaire			
Continuous lengths up to 12' (one-foot increments)		√	√
Maximum 1.5" height for all applications		√	√
Integrated driver		√	√
Pre-painted cove with matte optical paint finish			√
Performance			
Over 85 LPW with asymmetric distribution		√	√
Peak candlepower: 850 cd at 110° with 450 lm/ft at 4.5 W/ft		√	√
SurroundLite optics for up to twice the efficiency		√	√
Optimized component integration (driver, thermal, optical, etc.)		√	√
Optics			
Standard asymmetric distribution with no need for aiming adjustments		√	√
Individual secondary optics on each LED	√		
Tunable color technologies (mix in air)	√		
Controls			
Additional remote drivers and control boxes required	√		
Full range of integrated dimming drivers with dim to off		√	√
Controls agnostic (full compatibility)		√	√
Installation			
Tool-free luminaire installation – fixed in cove using keyed system			√
Installation by ceiling contractor – electrical comes in at the end for added time savings			√
90% cost savings on installation labor (cove only)			√



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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