AXIOM® Light Coves – Direct

Trim

SUSTAIN™
High Performance
Sustainable
Ceiling Systems

Axiom – Direct Light Cove

Axiom® extruded aluminum light coves offer ultra low plenum clearance, predictable lighting performance, and perfect integration with all Armstrong® suspension systems.

KEY SELECTION ATTRIBUTES

- Pre-engineered, extruded aluminum light cove profiles with integrated XAL LENO light fixture or Axis Click
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Axiom Direct Light Coves is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today
- Low profile design with plug and play lighting for easy installation in shallow plenum corridors and entry areas
- 10-Year Limited Warranty, 30-Year System Warranty

LIGHTING FIXTURES

Compatible with:

Axis Lighting and XAL® Leno® Luminaire

TYPICAL APPLICATIONS

- Offices
- Retail
- Hospitality
- Healthcare

COLORS

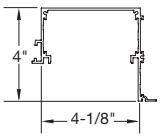
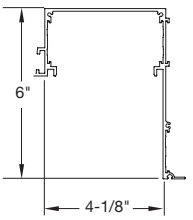
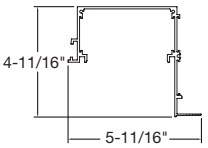
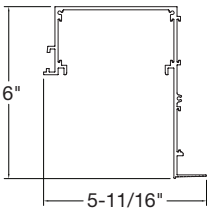
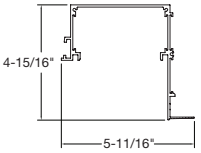
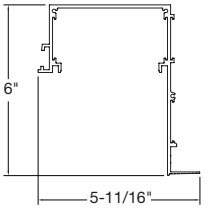
Due to printing limitations, shade may vary from actual product.

White (WH)

Custom Colors Available*

* Colors that are pre-qualified to meet Sustain™ portfolio requirements are available upon request. Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.

VISUAL SELECTION

	Item No.	Description	Dimensions		
Axiom Direct Light Coves for Acoustical Ceilings	**AXDLC44**	Direct Light Cove 4" x 4"	120 × 4-1/2 × 4"		
	AXDLC46	Direct Light Cove 4" x 6"	120 × 4-1/2 × 6"		
Axiom Direct Light Coves for Drywall Ceilings	**AXDLC44D**	Axiom Direct Light Cove for Drywall 4" x 4"	120 × 4-1/2 × 4"		
	AXDLC46D	Axiom Direct Light Cove for Drywall 4" x 6"	120 × 4-1/2 × 6"		
Axiom Direct Light Coves for AcoustiBuilt	**AXDLC44ACB**	Axiom Direct Light Cove for AcoustiBuilt 4" x 4"	120 × 4-1/2 × 4"		
	AXDLC46ACB	Axiom Direct Light Cove for AcoustiBuilt 4" x 6"	120 × 4-1/2 × 6"		

Direct Light Coves: Aluminum extrusions formed with distinct architectural detail groove on bottom flange with special bosses to receive the T-Bar Connection Clip, Hanging Clip, and Splice Plate, provides positive mechanical lock with no visible fasteners. Factory-finished to match approved samples.

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Declare.

LEED® WELL™ LBC

50% ALUMINUM RECYCLED CONTENT

Calculate sustainability with Green Genie™ armstrongceilings.com/greengenie

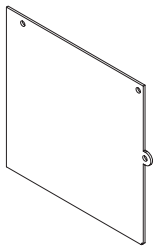
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓	✓				✓				

▲ LOCATION DEPENDENT

ACCESSORIES

Item No.	Description	
AXBTSTR	Axiom® Bottom Drywall Trim – Straight for 5/8" Drywall	
AX2HGC	Hanging Clip – Hanging Clip: Sheet steel formed to fit into special trim channel bosses and provide positive mechanical lock, screw-fastened connection to suspension members which intersect below the trim channel.	
AXTBC	T-Bar Connection Clip – T-Bar Connection Clip: Galvanized sheet steel formed to fit into special trim channel bosses and provide positive mechanical lock with factory-installed screw, screw-fastened connection to suspension members which intersect the trim channel.	
AXSPLICE2	Axiom Splice Plate – Galvanized sheet steel formed to fit into the trim channel bosses. Provides positive lock between abutting channels with factory-installed setscrews.	AXSPLICE2
AXPWCCP2	Axiom Wall Clip – 2 × 2 × 1-1/2"	

END CAPS

Item No.	Description	
AXDLC46ECR	4" x 6" – Light Cove End Cap - Right	
AXDLC46ECL	4" x 6" – Light Cove End Cap - Left	
AXDLC44ECR	4" x 4" – Light Cove End Cap - Right	
AXDLC44ECL	4" x 4" – Light Cove End Cap - Left	
AX-SPT-HDC	Trim/Light Fixture Hold-down Clip	
AXDLC44DEC	AXIOM 4" X 4" Direct Light Cove for 5/8" Drywall End Cap	
AXDLC46DEC	AXIOM 4" X 6" Direct Light Cove for 5/8" Drywall End Cap	
AXDLC44ACBEC	AXIOM 4" X 4" Direct Light Cove for AcoustiBuilt® End Cap	
AXDLC46ACBEC	AXIOM 4" X 6" Direct Light Cove for AcoustilBuilt End Cap	

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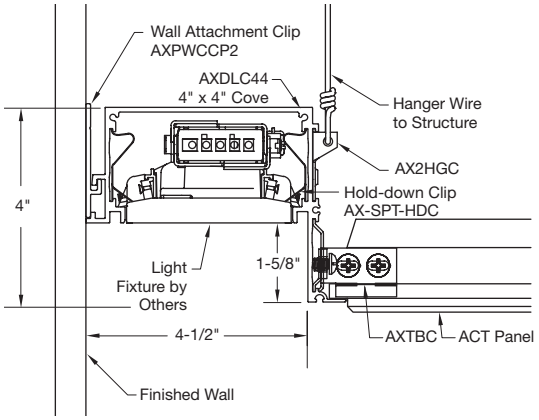
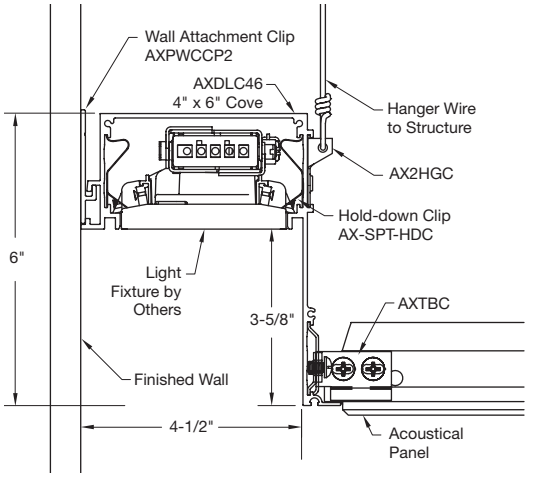
	✓	✓	✓	✓				✓				

▲ LOCATION DEPENDENT

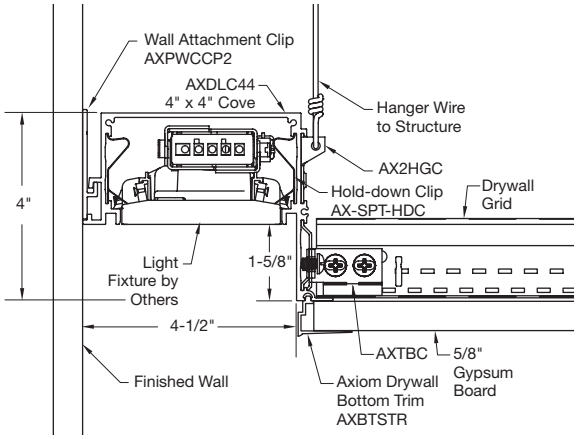
COMPATIBLE CEILINGS



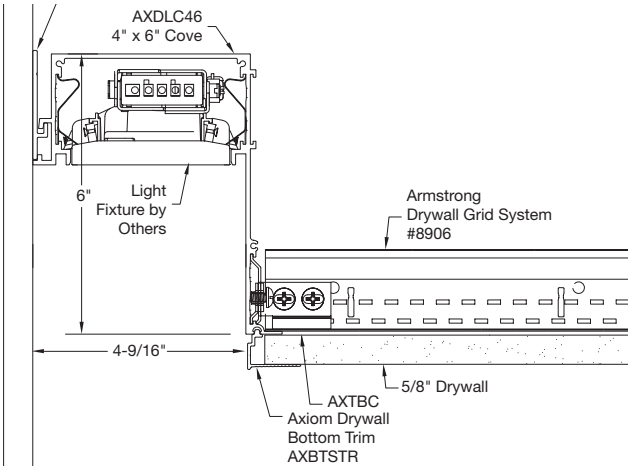
4" x 4" Direct Light Cove – AXDLC44



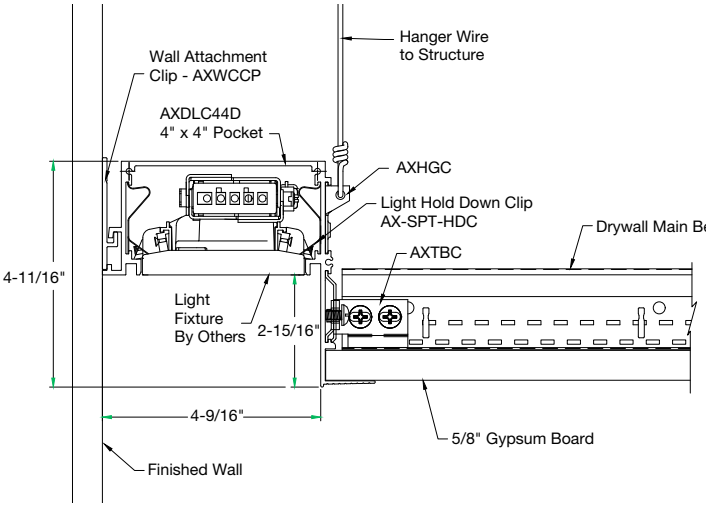
4" x 6" Direct Light Cove – AXDLC46



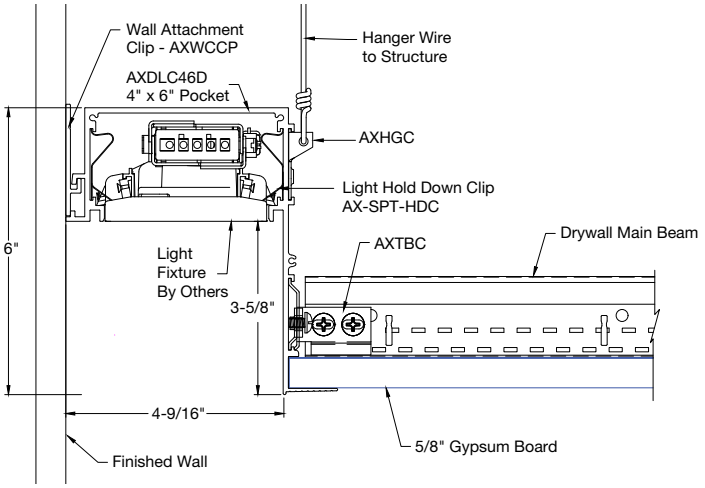
4" x 4" Direct Light Cove – AXDLC44 with AXBTSTR



4" x 6" Direct Light Cove – AXDLC46 with AXBTSTR



4" x 4" Direct Light Cove for Drywall – AXDLC44D



4" x 6" Direct Light Cove for Drywall – AXDLC46D

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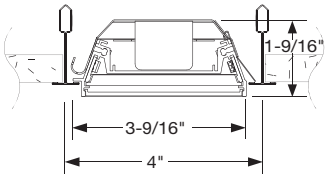
	✓	✓	✓	✓				✓				

▲ LOCATION DEPENDENT

COMPATIBLE LIGHT FIXTURES

Lighting and diffuser solutions are available through partner companies

axis



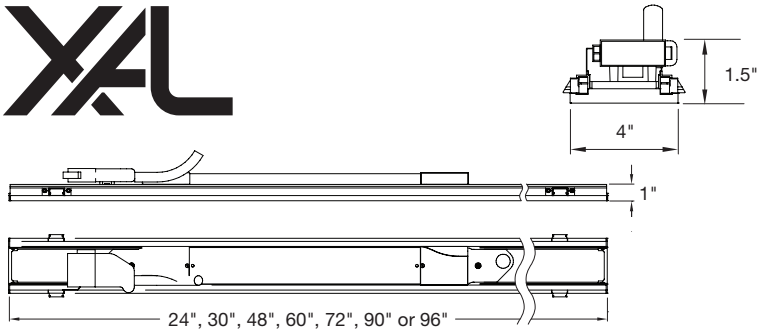
Connect-Insert-Click – shallow linear system that installs from below:

- 1-3/4" shallow housing – same height as T-Bar
- Install and maintain from below with no need for access from above
- Can be installed after ceiling has been closed
- Ultra-thin lightguide technology delivering comfortable, uniform illumination along entire lens
- Seismic-tested and approved luminaire
- Hinged driver cover with full driver and wiring access

For compatible lighting details, visit axislighting.com

Lighting and diffuser solutions are available through partner companies

XAL



The new ultra thin XAL® LENO® Zero Plenum luminaire installs from below and features:

- High output, energy efficient LED lighting for any space
- High performance opal cover for uniform illumination and enhanced glare control
- Extruded aluminum fixture design
- White powder coated finish
- Integrated plug and play electrical connections
- Choice of light outputs to achieve any desired light level
- Dimming options available

For compatible lighting details, visit XALUSA.com

PHYSICAL DATA

Material
Commercial quality extruded aluminum alloy 6063

Surface Finish
Factory-applied baked polyester paint finish

Warranty
10-Year Limited Warranty; 30-Year System Warranty

Profile
4" x 4" and 4" x 6" Light Cove with 3/4" horizontal flange

Cross Tee/Main Beam Interface
Flush Fit

End Detail
Splice with screws

Cleaning & Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning

ICC Reports
For areas under ICC jurisdiction, see evaluation report numbers ESR-1289 and ESR-1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The reports are subject to reexamination, revisions, and possible cancellation.

TechLine / 1 877 276-7876
armstrongceilings.com/lightcoves

BPCS-4984-124

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