Integrated LIGHTING Solutions



Lighting INTEGRATION Made Easy

We understand the pain points of trying to integrate lighting into the ceiling plane while being able to specify and maintain the crisp, clean details you envision in the design.

Armstrong Ceiling Solutions has developed a complete assortment of integrated linear, cove, and downlight solutions that help create brilliant interior spaces with consistent fit and finish using your favorite Armstrong® ceiling panels and suspension systems.

LINEAR LIGHTING



WoodWorks[®]



MetalWorks™ Linear-Synchro™ & Diverge



Formations™ Cloud Kits

LIGHT COVES







ACOUSTIBuilt® & Drywall



On-the-Grid Linear & Downlighting



TechZone®



DynaMax® **Ceiling Systems** T-Bar Lighting

Axiom[®] Direct Light Coves



Axiom[®] Indirect Light Coves



Axiom[®] Indirect Field Light Coves









Curved Axiom® Indirect Light Coves

T-Bar Lighting





DOWNLIGHTING



Intersection

20 Center Cut Panel





Specialty Ceilings WoodWorks® Specialty Ceilings MetalWorks™



Specialty Ceilings CastWorks™

DynaMax® Panel Downlighting



PARTNERS



Specialty Ceilings Lighting Linear

Integrated Connection em 8171WGBC

- Install lights seamlessly for WoodWorks[®] Grille, Grille Tegular, Linear Solid Wood panels, and Linear Veneered panels
- > Low-profile, pre-engineered light fixture in 2", 3-1/4", and 5-1/4" widths from Backlight[®] srl and XAL[®] for a flush, sleek visual
- Engineered and tested Integrated Light Connection Clip and suspension system perfectly integrate lighting with grid. No need to independently suspend light fixtures or modify suspension system
- Approved for use in all seismic categories

Cobby & S

Light Independently Supported

Specialty Ceilings METALWORKS™ Linear Lighting

Install field-cut lighting options seamlessly for MetalWorks[™] Linear – Synchro[™] and MetalWorks[™] Linear – Diverge[™] planks

- Field-cut linear lighting options from Axis[®], Backlight, and XAL[®] tested for fit and finish provide a flush, sleek visual
- Two fixture installation methods offer design flexibility while maintaining a flush fit. Planks can be replaced with a light or field-cut to house fixture within plank
- Approved for use in all seismic categories



AX6VESTRWH Axiom® Vector (Typ)

L6170 -

Clip (Ty

FORMATIONSTM Lighting Cloud Kits

 Variety of options – configurations, panels, sizes, trim color, lighting, and applications – the possibilities are endless

- Wide range of standard Axiom[®] trim and suspension system colors adds a custom look in easy-to-order specify kits
- ► Kits come complete with our StrongBack[™] carrying channel, eliminating 40% of the cables – minimizing visible wires

Acoustical ON-CENTER Linear Lighting

- Continuous or non-continuous layouts inspiring symmetry to match your building design
- Zero interference eliminates interference with mechanicals in the plenum
- ► Visually replaces main runner; aligns lighting with grid module
- ► FastSize[™] Panels and Suspension Systems Program sizes you need, factory-finished

ALLE

Light Fixtur

T-BAR Lighting

- > Zero plenum fixture for increased ceiling heights and seamless integration
- ► Sleek energy-efficient fixtures can reduce energy consumption
- Maintain a uniform lighting design in your space with the option of multiple optics from a single fixture
- The JLC-Tech T-Bar LED[™] replaces a cross tee member in a suspended ceiling system (15/16" & 9/16" Suspension System) and integrates with WoodWorks[®] Grille Tegular; CastWorks[™] Metaphors[®] Ceiling Panels; Ultima®; Calla[®]; Optima[®] and Lyra[®] Vector[®]. T-Bar Flex[™] integrates with DesignFlex[®]
- The Vode ZipTwo[™] micro mounts to the face of a T-Bar member with a low-profile clip

ACOUSTIBUILT® & DRYWALL Linear Lighting

DG8 Mair

DGS Cross Tee

5-1/8" DGS Opening

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Taping Flange

DGSLL Aluminum Extrusion

- Pair ACOUSTIBuilt[®] Seamless Acoustical Ceiling Panels or drywall ceilings with integrated linear lighting in either continuous or non-continuous layouts for a clean, modern aesthetic
- Complete the monolithic look with LED fixtures in long runs varying length and spacing true to design intent
- ► Light fixture installs from below, allowing optimal ceiling height

ON-THE-GRID

- Zero plenum interference with unique on-the-grid installation, locate on any Cross-T or main runner
- FastSize[™] panels and suspension systems program available for field labor savings by eliminating field cutting of adjacent tiles and grid

AL AL

 Energy-efficient fixture with light guide optical system ensures comfortable, low-glare illumination while saving watts per square foot

TECHZONE® Ceiling Systems

► Create a sleek ceiling design with uninterrupted ribbons of light

- Alternate continuous lights and diffusers with other technical services for a monolithic, uncluttered visual
- ▶ Ability to use with 4" and 6" configurations

Lighting for T-Bar 1[®] & PLUS ystems Suspension

- Pre-engineered fixtures and components that integrate, work with, or complement DynaMax[®] and DynaMax Plus structural suspension system
 Easy to specify light fixture options from VODE[®] ZipTwo[™] and JLC-Tech TERALyte[™] connect seamlessly to the DynaMax and DynaMax Plus grid system

JLC-Tech

Vode®

- Integrated ceiling solutions with compatible components designed for data centers for a certified fit and finish

AXIOM® Direct Light Coves

- Pre-engineered for predictable lighting performance and perfect integration
- Fully concealed design installs with all Armstrong[®] acoustical, drywall, specialty ceilings, and ACOUSTIBuilt[®] suspension systems
- Low profile design with plug-and-play lighting for shallow plenum corridors and entryways

all Grid

8" Drywall

Wall Attach Clip – AXPV

Cobaba 🕉

Finished Wall

Hanger Wire to Structure



AXIOM Indirect Light Coves

 Variety of options from both ceiling-to-wall and ceiling-to-ceiling light coves in a wide range of sizes AXIDLCWC

- Hanger Wite to Structure

Armstrong

8-13/16"

- Acoustical and drywall designs with Axiom[®] Classic or Axiom[®] Knife Edge[®] profiles
- New Knife Edge profile brings the acoustical panel out to the edge of the cove

AXIOM® Indirect Field Light Coves

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Tequilar Pan

ng Knife Edg (AXIFLCCKI

- Adjustability of the drywall vertical leg allows for field modification and ability to cut to the length desired
- Designed with a notched channel for perfect integration with Axis[®] Lighting and Vode[®] Lighting fixtures
- ► Pre-manufactured corners
- ► Easy to specify control over finished aesthetics

DW90 Clip

Hanger Wire to Structure

Install Vertical F 4' O.C.

> Dryw Main

• • /-- f²-- f-- ²f--

5/8" Gypsum Board

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AXCCLT45

Specialty Ceilings AXIOM® Indirect Field Light Coves

Offers predictable lighting performance and perfect integration with select Armstrong[®] WoodWorks[®] and Metalworks[™] ceilings and suspension systems HD

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acing (4' O.C.)

HD 1

WoodWorks[®] Grille 5/8" x 3-1/4", 5 slats per panel Blades Dowel

5/8" Gypsum Boa

WoodWorks Concealed Panel

- Offers a variety of options with both Ceiling-to-Wall and Ceiling-to-Ceiling light coves and sizes
- Classic and Knife Edge[®] profiles
- ► Easy to specify pre-engineered light cove and light fixtures

AXIOM® Indirect Light Ledge

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FIG. 1

COLUMN ED

- Pre-engineered for predictable lighting performance and perfect integration
- Axiom[®] Indirect Light Ledge is part of the Sustain[®] portfolio and meets the most stringent industry sustainability compliance standards today
- Variety of options for both Ceiling-to-Wall and Ceiling-to-Ceiling light ledges

Secure Light Ledge to wall 16" or 24" O.C.

langer wire to st

ight and mounting location of light ledge determined

Тар

Drywall grid cross tee /- Drywall grid main beam

> Light (by others)

CURVED Axiom[®] Indirect Light Coves

- Available in Axiom[®] Indirect Field Light Cove and Axiom[®] Indirect Light Ledge
- ► Light Coves can now follow the curve of the design
- Axiom[®] Indirect Light Coves are part of the Sustain[®] portfolio and meet the most stringent industry sustainability compliance standards today
- ▶ 60" minimum inside and outside radii



DW90C

Drywall Cros Tee 16" O.C.

⊕ ⊕ /²--°---

- Acoustical Tegular Panel

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AXTBC

Acoustical Main Beam

HD8906 Drywall Main Beam 48" O.C.

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Axiom[®] Indirect Field Cove Classic Curved Extrusion (AXIFL4CUR)

5/8" Gypsum Board

18 LIGHT COVES

INTERSECTION Downlighting

Seamlessly integrate recessed downlights at the intersection of the grid

in i

4' Cross Tees

- Deliver the vision of symmetry and consistency in the design
- Replace inconsistent finishes and edge details with clean, crisp factory-finished Calla[®], Lyra[®], Ultima[®], and Optima[®] notched panels

22" Directional Cross Tee

> Main Beams 48" O.C.

CENTER CU Panel Downlighting

11

3" O.C

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enter Cut nel

4' Cross Tees 24" O.C.

- > Aesthetic of a drywall trimless downlight in acoustical panel
- ► Monolithic look with crisp, integrated lighting
- Pre-cut downlight opening available for 3.5" or 5" square or round lights
- No on-site cuts needed

Specialty Ceilings WOODWORKS® Downlighting

- Create a sleek visual using pre-engineered downlight solutions from USAI[®] with WoodWorks[®] Grille, Grille Tegular, and Linear Solid Wood panels
- Flush-fit light fixtures in many styles and sizes illuminate a space, while virtually disappearing in the ceiling
- ▶ No need to independently suspend light fixtures or modify suspension system
- ► Easy to field modify panels to incorporate new downlight fixtures
- ► Partner lighting connection to suspension system is fully adjustable

Specialty Ceilings METALWORKS[™] Downlighting

Precise factory-cut MetalWorks[™] Torsion Spring, Torsion Spring Shapes, and Clip-on ceiling panels seamlessly integrate with USAI[®] trimless, square downlights

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- > Perfectly centered fixtures, perfectly cut tiles every time
- Time and labor savings solution downlight fixtures are fully adjustable within the system so there is no cutting, no mess, and no need to remove panels
- Select pre-cut panels for downlight fixtures available in FAST134 program
- Pre-engineered and tested for fit and finish in all seismic areas

Specialty Ceilings CASTWORKS[™] Downlighting

- ► Integrate downlighting solutions seamlessly from USAI[®] into CastWorks[™] Metaphors[®] Ceiling Panels
- ► Perfectly fit fixtures every time
- ► Select panels with downlight openings available in FAST134 program

Fixtures for $\Delta X^{\mathbb{R}} \mathcal{R}$ Recessed FD US Downlightinc

Pre-engineered fixtures and components that integrate, work with, or complement DynaMax[®] and DynaMax Plus structural suspension system

Axis TRAYFIT

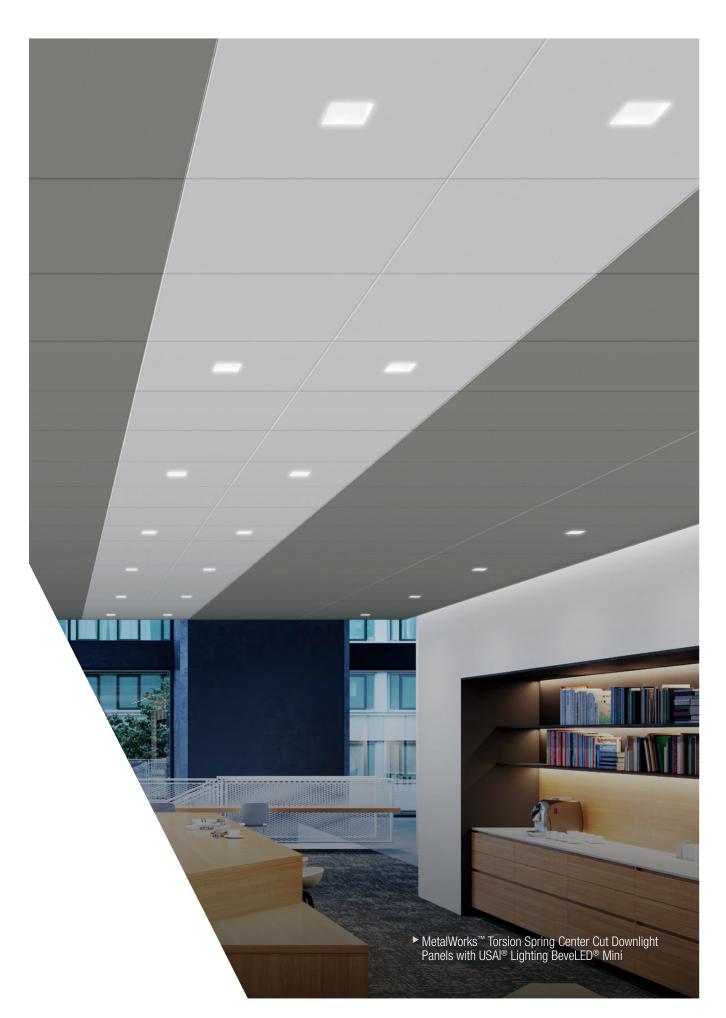
H.E. Williams PTDC

48" between T-Ba

22-7/8 24" hetv

-7/8" Fixture Length / 22-7/8" Fixture Length --ter of T-Bar System / 23-13/16" Center of T-Ba

- Axis TRAYFIT[™] and H.E. Williams PTDC shallow plenum troffer in 2' x 2' and 2' x 4' nominal sizes available, specially-sized to fit into the oversized structural grid
 Light fixture options from Axis[®] integrate seamlessly with the grid system
 Easy-to-specify integrated ceiling solutions with compatible components designed for data centers for a certified fit and finish



Lighting PARTNERS Integrated Solutions Matrix

	LINE	LINEAR LIGHTING												LIGHT COVES				DOWNLIGHTING					
PARTNERS	$MetalWorks^{m}Linear-Diverge^{m}$	$MetalWorks^{m}$ Linear – Synchro ^m	WoodWorks®	Formations [™]	Acoustical On-Center	T-Bar Lighting	ACOUSTIBuilt® & Drywall	On-Grid Linear/Downlighting	DesignFlex®	TechZone®	Data Center	CastWorks [™]	Axiom® Direct Light Coves	$\ensuremath{Axiom}^{\otimes}$ Indirect Light Coves	Axiom [®] Indirect Light Ledge	Axiom [®] Indirect Field Light Coves for Specialty Ceilings	Intersection	Center Cut Panel	WoodWorks®	MetalWorks™	TechZone®	CastWorks™	
ARON								•															
axis	•			•	•		•		•	•	•		•	•	•	•							
ACKLIGHT	•	•	•																				
Williams											•												
JLC • tech			•			•			•		•	•											
USAI [®] Lighting				•			•										•	•	•	•	•	•	
vode						•					•			•	•	•							
X/L	•	•	•	•	•		•			•			•										

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* Backlight and XAL® are compatible with Woodworks® Grille, Woodworks® Grille Tegular, Woodworks® Linear Solid Wood Panels, and Woodworks® Linear Veneered Panels

** JLC Tech is compatible with WoodWorks Grille Tegular

USAN® is compatible with Woodworks Grille, Woodworks Grille Tegular, Woodworks Linear Solid Wood Panels, MetalWorks[™] Clip-On, MetalWorks[™] Torsion Spring, and MetalWorks[™] Torsion Spring Shapes

TAKE THE NEXT STEP

1 877 276 7876

Customer Service Representatives 7:45 a.m. to 5:00 p.m. EST Monday through Friday

TechLine – Technical information, detail drawings, CAD design assistance, installation information, other technical services – 8:00 a.m. to 5:30 p.m. EST, Monday through Friday. FAX 1 800 572 8324 or email: techline@armstrongceilings.com

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