

LIGHTING SOLUTIONS

Intersection Downlighting for Acoustical Ceilings



Armstrong® acoustical panels with USAI Lighting Connect light fixtures

This pre-engineered suspension system seamlessly integrates recessed downlights at the intersection of the ceiling grid, placing light where it has never been before.

KEY SELECTION ATTRIBUTES

- Lighting and architecture perfectly integrated into the ceiling to deliver your vision of symmetry
- Replaces inconsistent finishes and edge details with clean crisp factory finished panels and grid for a fast and easy installation
- Compatible with the USAI® Lighting CONNECT™ Family
- Eliminates the worry of field modified panels and grid
- Seismic code compliant
- Armstrong 10-Year Limited Warranty

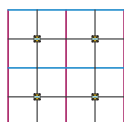
COLORS



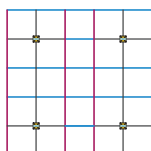
Follow the three (3) steps when specifying Intersection Downlighting:

1. Choose your ceiling system layout

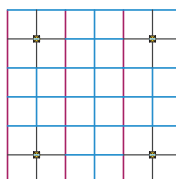
2' × 2' Ceiling layout with lights 4' apart



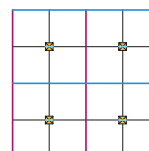
2' × 2' Ceiling layout with lights 6' apart



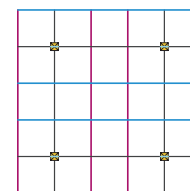
2' × 2' Ceiling layout with lights 8' apart



30" × 30" Ceiling layout with lights 5' apart



30" × 30" Ceiling layout with lights 7.5' apart



LIGHTING SOLUTIONS

Intersection Downlighting for Acoustical Ceilings

LEED V5

Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

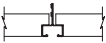
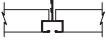
Ecosystem Health

Circular Economy



3rd Party CDPH

2. Choose your 9/16" Intersection Profile Downlighting Kit (main beams, standard cross tees, wall molding, and lights need to be ordered separately)

Choose Hub Kit, then appropriate cross tee module

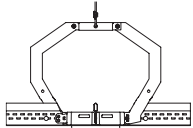
Item No. ♦	Description
Silhouette® XL® 1/4" Reveal 	76D4SK_ _ 4" Downlight Hub Kit w/ Yokes & hardware
XL7622DL_ _	24" Module Downlight Cross Tee
XL7628DL_ _	30" Module Downlight Cross Tee
Silhouette XL 1/8" Reveal 	768D4SK_ _ 4" Downlight Hub Kit w/ Yokes & hardware
XL76822DL_ _	24" Module Downlight Cross Tee
XL76828DL_ _	30" Module Downlight Cross Tee

8' Cross tee - Notched 48" O.C. available Made-to-Order

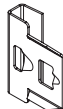
Item No. ♦	Description
Suprafine® XL® 	75D4SK_ _ 4" Downlight Hub Kit w/ Yokes & hardware
XL7522DL_ _	24" Module Downlight Cross Tee
XL7528DL_ _	30" Module Downlight Cross Tee
Interlude® XL® HRC 	61D4SK_ _ 4" Downlight Hub Kit w/ Yokes & hardware
XL6122DL_ _	24" Module Downlight Cross Tee
XL6128DL_ _	30" Module Downlight Cross Tee

♦ Add the 2-letter color suffix to the item number when specifying or ordering
(Example: AX2WEC Z W)

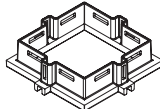
KIT COMPONENTS INCLUDED (8 KITS PER CARTON)



(1) High-Profile Yoke
(not assembled - comes in two pieces)*

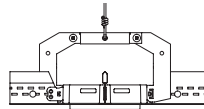


(2) Cross Tee
Connection Clips

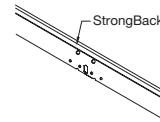


(1) Downlight
Suspension Frame

ACCESSORIES

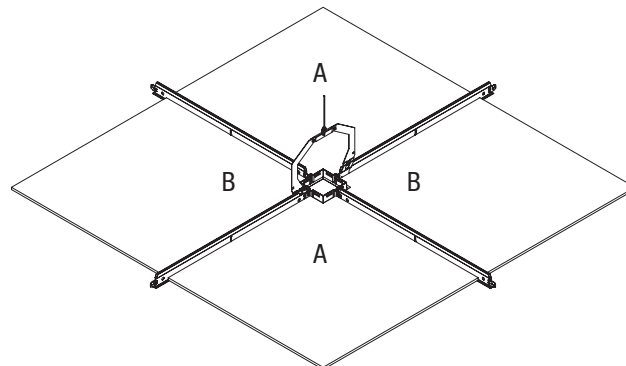
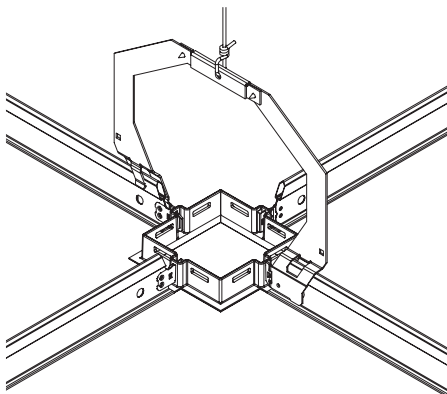


FZD4YKLP
Low-Profile Yoke



SH1206
PeakForm® Support Hanger
with Routing 6" O.C.

INTERSECTION DOWNLIGHTING ASSEMBLY/CEILING PANEL LAYOUT



NOTE: These are directional panels and come as (8) pieces per carton (4 "A"s / 4 "B"s marked)
















LIGHTING SOLUTIONS

Intersection Downlighting for Acoustical Ceilings

LEED V5
COMMON MATERIALS FRAMEWORK
Human Health
Climate Health
Ecosystem Health
Circular Economy

Ecomedes Data
3rd Party CDPH

3. Choose your Ceiling Panel Notched Calla® and Ultima® ceiling panels (24" × 24" tegular panels for 9/16" grid) also available as a special order.

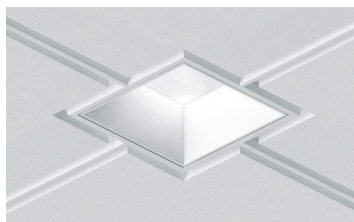
VISUAL SELECTION				PERFORMANCE SELECTION															
	Edge Profile	Item No.	Dimensions (Inches)	Dots represent high level of performance.															
CALLA Notched Ceiling Panels	9/16" Square Tegular	2818	24 × 24 × 1" 	 UL Classified Acoustics	 +  =	 Total Acoustics ¹	 Articulation Class	 Fire Rating	 Light Reflect	 Anti-Mold & Mildew	 Sag Resist	 Certified Low VOC Emissions	DURABILITY				 Recycled Content	 Recycle Program	 30-Yr Warranty
				0.85	35	BEST	170	Class A	0.86	*	*	*	*	*	*	*	*		
CALLA Compatible Full-Size Panels	9/16" Square Tegular	2824	24 × 24 × 1" 	0.85	35	BEST	170	Class A	0.86	*	*	*	*	*	*	*	*		
9/16" Square Tegular				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Intersection Downlighting Ceiling Panels/ 1 Notch	Visual	Size																	
	Ultima®	24" × 24"																	
	Ultima High NRC	24" × 24"																	
	Calla	30" × 30"																	
	Ultima	30" × 30"																	
	Ultima High NRC	30" × 30"																	

4-6 WEEKS order to ship

¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product. **GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)
 NOTE: Item # 2824 is the compatible full-size (24" × 24" × 1") panel

CONNECT™ FAMILY

The aesthetic and uncompromising craftsmanship of the Connect™ Lighting system integrates beautiful illumination with simplicity.



LIGHTING FIXTURES

USAI
Lighting

For more product information
 visit: usailighting.com/connect

PHYSICAL DATA

Material
 Cross Tees: Hot-dipped galvanized steel
 High-Profile Yoke: Galvanized steel
 Low-Profile Yoke: Galvanized steel
 Cross Tee Connector Clip: Galvanized steel
 Downlight Suspension Frame: ADC12 Aluminum
Surface Finish
 Baked polyester paint or powder-coated finish
Cross Tee / Downlight Suspension Frame Interface
 Flush
End detail
 Staked-on XL Clip

Installation Considerations
 The high-profile yoke included in each kit is designed for use with the USAI Lighting CONNECT Family Downlight, Adjustable, and Wall Wash lighting options.
 For low plenum installations, the low-profile yoke can be ordered separately and comes with (8) eight unassembled yokes. The low-profile yoke can be used with the USAI CONNECT Family Downlight and Wall Wash options. A low-profile yoke will not fit the housing of a USAI CONNECT adjustable downlight and a high-profile yoke must be used.
 Downlight Suspension Frame can only receive directional cross tees. For light spacing 6' apart alternate main beam spacing (4' spacing, 2' spacing).

Downlight Hub Kit Components
 Each carton contains (8) eight Intersection Downlighting Kits with the following components:
 (8) High-Profile Yokes (unassembled)
 (8) Downlight Suspension Frames
 (20) Cross Tee Connection Clips (16 clips are required, 4 extra per carton)
Module Cross Tee Kits
 (32) cross tees per carton
Warranty
 10-year limited warranty