LYRA® Concealed
Concealed Suspension
smooth texture
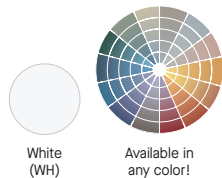

Lyra Concealed panels with Prelude® XL® 15/16" suspension system

DESIGNFlex®
A New World of Choice
for Ceiling Systems

plus capabilities
to do more

armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

Smooth, drywall-like visual with fully-concealed suspension and downward accessibility;
ideal for projects where plenum space is limited. Offers high sound absorption.

KEY SELECTION ATTRIBUTES

· DesignFlex® options include made-to-order sizes and colors available to ship in 3 weeks

· Large format acoustical panels

· Downward accessible for minimal plenum height

· Outstanding acoustical performance for open plan areas, both Noise Reduction and Articulation Class NRC 0.90, AC up to 190

· CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim

· Mold- and mildew-resistant surface

· Smooth, clean, durable finish – Washable, Scratch-resistant, Soil-resistant

· Energy-saving, high light-reflective finish

· 30-Year Limited System Warranty against visible sag, mold, and mildew

· Available with factory-cut holes for USAI® trimless downlight fixture integration

· Made in the U.S.A. of domestic and global content

· Build America, Buy America (BABA) Act compliant

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

White
(WH)

Available in
any color!

DETAILS

1. Lyra® Concealed
2. Lyra® Concealed with Prelude® XL® HD 15/16" suspension system

Armstrong®
World Industries

LYRA® Concealed
Concealed Suspension
smooth texture

VISUAL SELECTION

	armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)
LYRA® Concealed Quick Kerf™ Edge		1	**8430**	30 × 30 × 7/8"
			8433	24 × 48 × 7/8"
			8431	24 × 72 × 7/8"
Non-support Edge			**8432**	24 × 96 × 7/8"
			8434	48 × 48 × 7/8"

7/8" Thick

Made-to-Order Sizes

1 Ctn Min FASTSIZE 3 WEEKS order to ship

Visit the product page online and see "Configure an Item" to verify capabilities. Questions? email Techline@armstrongceilings.com

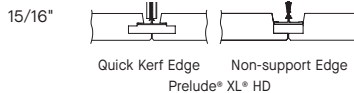|	Width (short side)	Length (long side)
	24"– 96"	24"– 30"
	30-1/16" – 48"	24" – 48"

Fixture trim kits include 24 straight trim pieces and required Speed Clips. Example: For a space with 24" × 48" fixtures, order (1) 24" kit CTK24ZW and (1) 48" kit CTK48ZW. This will frame (12) 24" × 48" fixtures.

PERFORMANCE SELECTION Dots represent high level of performance. $$$$

	UL Classified Acoustics NRC + CAC =	Total Acoustics[1]	Articulation Class AC	Fire Performance	Light Reflect	Bio-Block Anti-Mold/Mildew	Humi-Guard+ Sag Resistant	CleanAssure™ Disinfectable Panels Fog	DURABILITY Wash	Scratch	Soil	30-Yr Warranty
	0.90	N/A	N/A	190	Class A	•	•	•	•	•	•	•
	0.90	N/A	N/A	190	Class A	•	•	•	•	•	•	•
	0.90	N/A	N/A	190	Class A	•	•	•	•	•	•	•
	0.90	N/A	N/A	190	Class A	•	•	•	•	•	•	•
	0.90	N/A	N/A	190	Class A	•	•	•	•	•	•	•
	N/A	N/A	N/A	N/A	Class A	0.88						

FIXTURE TRIM

Item No.	Color	Length	PCS/CTN
CTK4ZW	Blizzard White	4" Concealed Fixture Kit	24
CTK6ZW	Blizzard White	6" Concealed Fixture Kit	24
CTK24ZW	Blizzard White	24" Concealed Fixture Kit	24
CTK48ZW	Blizzard White	48" Concealed Fixture Kit	24
CTK72ZW	Blizzard White	72" Concealed Fixture Kit	24
CTK96ZW	Blizzard White	96" Concealed Fixture Kit	24
Other Size Fixture Trims	Blizzard White (custom colors available)	4" to 96" Trim Pieces	–

Fixture trim kits include 24 straight trim pieces and required Speed Clips. Example: For a space with 24" × 48" fixtures, order (1) 24" kit CTK24ZW and (1) 48" kit CTK48ZW. This will frame (12) 24" × 48" fixtures.

SUSPENSION SYSTEMS

15/16"

Quick Kerf Edge   Non-support Edge
Prelude® XL® HD

ACCESSORIES (must be ordered separately)

Item No.		
441		Border Clip for Vector® panels (required for installations with the suspension system resting on the wall molding). Primarily used for corners and special cutouts.
442A		Hold-down Clip for Vector® panels (for all installations)
7425 (24"), **7431** (30"), **7445** (48"), **7461** (60")		Stabilizer Bars
522		Midpoint Clip (Needed for panels over 30" wide)
7870		Spring Border Clip (For installations with the panel resting on the wall molding)

AXIOM® TRIM DETAIL
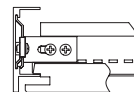
Lyra Concealed panels with Axiom® Vector trim for cloud friendly design. **Blizzard White** color and texture coordinated finish available to complement Lyra ceiling panels.

Lyra® Concealed Panel — Fixture — Prelude® Grid — Lyra® Concealed Trim Kit — Speed Clip

PHYSICAL DATA

Material
Fiberglass with acoustically transparent membrane.

Surface Finish
Acoustically transparent membrane with factory-applied latex paint.

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL® labeled).

ASTM E1264 Classification
Type B, Form B2, Pattern G; Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® performance resist the growth of mold and mildew on the tile surface.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Acoustical Details
CAC backing may be available as a special order.

Insulation Value
R Factor – 3.5 (BTU units); R Factor – 0.62 (Watts units)

Design Considerations
Use fixture trim kit around all lights, diffusers, and other ceiling penetrations to avoid exposed suspension system and panel edges. Panel sizes less than 24" × 24" are not recommended for full-field installations.

Border panels in a seismic installation will not be accessible. To ensure border panels are accessible in other areas, consult installation instructions Section 3.7.2.

Physical product samples for standard and custom colors are available upon request. Please refer to the physical product sample prior to making a final selection. While we strive to ensure exact color matches, various factors such as differences in materials, texture, substrate porosity, painting processes, lighting, and observer subjectivity can all affect how paint colors appear on ceiling and wall panels, suspension systems, and trim products.

Due to these and other differences, ceiling and wall panels, trim products, and suspension systems with the same color name will coordinate but may not be an exact color match. Product is dye-lotted. Order sufficient initial quantities and attic stock to minimize possible color variation.

Installation Consideration
Lyra® Concealed panels must be installed on a square, level suspension system as tolerance is near zero.

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

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton
8430 – 0.55 LBS/SF; 75 SF/CTN
8431 – 0.55 LBS/SF; 72 SF/CTN
8433, 8432 – 0.55 LBS/SF; 96 SF/CTN
8434 – 0.55 LBS/SF; 64 SF/CTN

Minimum Order Quantity
1 carton

Armstrong® World Industries

FIBERGLASS – Standard