



LYRA® Concealed

Concealed Suspension
smooth texture



DESIGNFlex™
A New World of Choice
for Ceiling Systems

DESIGNFlex™ CEILING SYSTEMS



SIZES



COLOR

Personalize Your Design!

Mix and match different sizes, colors, and materials to reinvent your ceiling. More at:
armstrongceilings.com/designflex



Lyra® Concealed panels with Prelude® XL® 15/16" suspension system (Pgs. 391-392)

plus capabilities
to do more



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

Smooth drywall-like visual with a fully concealed suspension system, creates a monolithic look with accessibility.

KEY SELECTION ATTRIBUTES

- DesignFlex™ options include tailor-made 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)
- 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

TYPICAL APPLICATIONS

- Renovation – installs on existing 15/16" suspension system
- Open plan office areas
- Auditoriums
- Areas with limited plenum depth
- Areas with indirect lighting systems

COLOR



White
(WH)



Available in
any color!

DETAILS



①





②

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

new LYRA® Concealed

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VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
LYRA® Concealed			
	106	8430	30 x 30 x 7/8"
Quick Kerf™ Edge			
	106	8433	24 x 48 x 7/8"
Non-support Edge			
106	8431	24 x 72 x 7/8"	
106	8432	24 x 96 x 7/8"	
106	8434	48 x 48 x 7/8"	

Size Capabilities

Width	Length
7/8" Thick	
4" – 5-1/2"	9" – 96"
6" – 11-1/2"	6" – 96"
12" – 30-1/2"	4" – 96"
31" – 48"	4" – 48"

1 CTN MIN
Made-to-Order
Sizes &
Colors
(3 Wks)

PERFORMANCE SELECTION

Dots represent high level of performance.

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UL Classified Acoustics		Total Acoustics¹		Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+ CAC	=													
0.90	—	—	190	Class A	0.88	•	•	•	—	•	•	•	•	•	•
0.90	—	—	190	Class A	0.88	•	•	•	—	•	•	•	•	•	•
0.90	—	—	190	Class A	0.88	•	•	•	—	•	•	•	•	•	•
0.90	—	—	190	Class A	0.88	•	•	•	—	•	•	•	•	•	•
0.90	—	—	190	Class A	0.88	•	•	•	—	•	•	•	•	•	•
N/A	—	—	N/A	Class A	0.88	•	•	•	—	•	•	•	•	•	•

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance 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+)

UP TO **71%** RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®

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



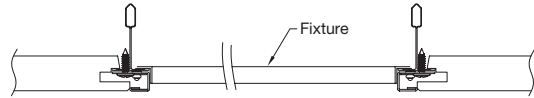
FIBERGLASS



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CONCEALED – FIXTURE TRIMS



FIXTURE TRIM

Item No.	Length	Pcs	Color
FTP4ZW	4" Concealed Fixture Kit	24	Blizzard White
FTP6ZW	6" Concealed Fixture Kit	24	Blizzard White
FTP24ZW	24" Concealed Fixture Kit	24	Blizzard White
FTP48ZW	48" Concealed Fixture Kit	24	Blizzard White
FTP96ZW	96" Concealed Fixture Kit	24	Blizzard White
Other Size Fixture Trims	4" to 96" Trim Pieces	–	Blizzard White (custom colors available)

Fixture trim kits include 24 straight trim pieces, 24 corner brackets, screws, and pop rivets. Example: For a space with 24" x 48" fixtures, order (1) 24" kit FTP24ZW and (1) 48" kit FTP48ZW. This will frame (12) 24" x 48" fixtures.

ACCESSORIES (must be ordered separately)

Item No.		
441		Border Clip. Used for corners and special cutouts.
442A		Hold-Down Clip
7425 (24") 7431 (30") 7445 (48") 7461 (60")		Stabilizer Bars
522		Mid-point Clip (Needed for panels over 30" wide)
7870		Spring Border Clip (For installations with the panel resting on the wall molding)



FIBERGLASS

new **LYRA® Concealed**
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UP TO **71%** RECYCLED CONTENT

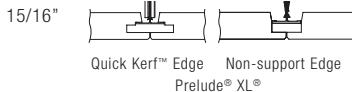
Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®	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
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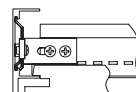
LOCATION DEPENDENT



SUSPENSION SYSTEMS



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.

PHYSICAL DATA

Material
Fiberglass with acoustically transparent membrane.

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

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

ASTM E1264 Classification
Type XII, Form 2, Pattern E
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.

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

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.

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

Design Consideration
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" x 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

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

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

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