LIGHTING SOLUTIONS

Downlighting for Center-Cut Acoustical Panels

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

Ultima® 48" x 48" Center-Cut Panels

Now, get the look of timeless drywall ceilings in a suspended ceiling system. Pre-cut ceiling panels are designed to seamlessly integrate with trimless downlights.

KEY SELECTION ATTRIBUTES

- Calla®, Lyra® PB, Ultima® and Optima® PB 9/16" tegular
- Monolithic look with crisp, integrated lighting
- Pre-cut downlight opening available for 3-1/2" or 5" square or round lights
- Fast, easy installation
- No on-site panel cuts needed
- Seismic-tested
- Armstrong Ceilings 10-year limited warranty

Follow the below two (2) steps when specifying center-cut Panels:

1. Choose your center-cut Ceiling Panel

To specify the correct center cut tile for your system:

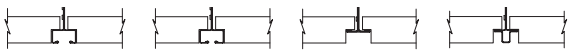
1. Choose the appropriate 4-digit base center-cut item number below to indicate product visual and size.
2. Choose if you are using a circle or square light by adding C or S to the item number.
3. Choose the size of the light you are using 3-1/2" or 5" by adding 35 or 5 to the item number.

EXAMPLE: 8942 S 35
Base Item | Square Light | Light Size

Example: Lyra® 9/16" square tegular 30" x 30" panel with a 3-1/2" square downlight would be labeled 8942S35

Visual	Size	Edge Detail	Corresponding Field Panel Item #	Base Center-Cut Item #	Shape of Light C – Circle / S – Square	Light Fixture Type 35 – BeveLED Mini / 5 – BeveLED 2.2
Calla®	24 × 24 × 1"	9/16" square tegular	2824	8935	S or C	35 or 5
Ultima®	24 × 24 × 7/8"	9/16" beveled tegular	1912	8936	S or C	35 or 5
	30 × 30 × 7/8"	9/16" beveled tegular	1905	8937	S or C	35 or 5
Ultima® High NRC	24 × 24 × 7/8"	9/16" beveled tegular	1942	8938	S or C	35 or 5
	30 × 30 × 7/8"	9/16" beveled tegular	1431	8939	S or C	35 or 5
Lyra® PB	24 × 24 × 1"	9/16" square tegular	8361PB	8941	S or C	35 or 5
	30 × 30 × 1"	9/16" square tegular	8359PB	8942	S or C	35 or 5
	48 × 48 × 1"	9/16" square tegular	8356PB	8943	S or C	35 or 5
Optima®	30 × 30 × 1"	9/16" square tegular	3259	8946	S or C	35 or 5
Optima® PB	24 × 24 × 1"	9/16" square tegular	3251PB	8944	S or C	35 or 5
	48 × 48 × 1"	9/16" square tegular	3256PB	8949	S or C	35 or 5

2. Choose your 9/16" Suspension System (Note: System uses standard main beams, cross tees and wall molding)

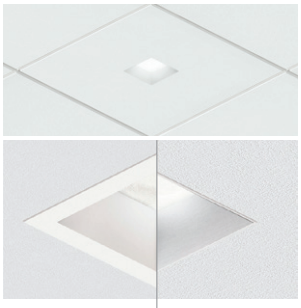


Silhouette® XL® 1/4" Reveal | Silhouette XL 1/8" Reveal | Suprafine® | Interlude® XL® HRC

BEVELED® 2.2 TRIMLESS TILE – B4SDP DOWNLIGHT FOR USE WITH CENTER-CUT CEILING PANEL

For the first time – a drywall visual for acoustical ceiling tiles. Perfectly centered fixtures, perfectly cut tiles – every time.

- The clean, minimal trimless appearance of sheetrock in acoustical tiles
- No cutting, no mess, no mistakes, and less labor
- Proprietary toolless mounting system
- Trimless tile housings perfectly self-center in pre-cut tiles
- NEC grid mount. No independent tie-in to structure required
- Seismically rated



Standard Trim for Acoustical Tile | Trimless Solution for Acoustical Tile

LIGHTING FIXTURES PARTNER

Acoustical Trimless Light Fixture Family From USAI® Lighting Includes:

- BeveLED Mini® Round
- BeveLED 2.2 Round
- BeveLED Mini Square
- BeveLED 2.2 Square

USAI® Lighting

For more product information visit: usailighting.com/trimlesstile

TechLine 877 276-7876

armstrongceilings.com/downlighting

Armstrong® World Industries

Downlighting for Center-Cut Acoustical Panels

SUSTAIN®
High Performance
Sustainable Ceiling Systems

Declare.

COORDINATING FIELD PANELS

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

	Item No.	Dimensions (Inches)		UL Classified Acoustics NRC	+ CAC	= Total Acoustics[1] NRC+CAC	Articulation Class AC	Fire Performance	Light Reflect	Bio-Block Mold & Mildew Protection	Humi-Guard+ Sag Resistant	Certified Low VOC Emissions	DURABILITY Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
CALLA® 9/16" Square Tegular	2824_ _	24 × 24 × 1"	☐	0.85 •	35 •	BEST	170	Class A	0.85 •	•	•	•	•	•	•	•	•	•	•
LYRA® PB with Plant-based Binder 9/16" Square Tegular	8361PB	24 × 24 × 1"	☐	0.95 •	N/A	N/A	190 •	Class A	0.88 •	•	•	•	•	•	•	•	•	N/A	•
	8359PB	30 × 30 × 1"	☐	0.95 •	N/A	N/A	190 •	Class A	0.88 •	•	•	•	•	•	•	•	•	N/A	•
	8356PB	48 × 48 × 1"	☐	0.95 •	N/A	N/A	190 •	Class A	0.88 •	•	•	•	•	•	•	•	•	N/A	•
ULTIMA® 9/16" Beveled Tegular	1912	24 × 24 × 3/4"	☐	0.75 •	35 •	BETTER	–	Class A	0.88 •	•	•	•	•	•	•	•	•	•	•
	1905	30 × 30 × 3/4"	☐	0.75 •	35 •	BETTER	–	Class A	0.87 •	•	Std	•	•	•	•	•	•	•	N/A
ULTIMA High NRC 9/16" Beveled Tegular	1942	24 × 24 × 7/8"	☐	0.80 •	35 •	BEST	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
	1431	30 × 30 × 7/8"	☐	0.80 •	35 •	BETTER	170 •	Class A	0.87 •	•	•	•	•	•	•	•	•	•	•
OPTIMA® 9/16" Square Tegular	3259	30 × 30 × 1"	☐	0.95 •	N/A	N/A	190 •	Class A	0.88 •	•	•	N/A	•	•	•	•	•	N/A	•
OPTIMA® PB with Plant-based Binder 9/16" Square Tegular	3251PB	24 × 24 × 1"	☐	0.95 •	N/A	N/A	190 •	Class A	0.88 •	•	•	•	•	•	•	•	•	N/A	•
	3256PB	48 × 48 × 1"	☐	0.95 •	N/A	N/A	190 •	Class A	0.88 •	•	•	•	•	•	•	•	•	N/A	•

[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: Center cut panels are not certified acoustically

PHYSICAL DATA

Material
Calla and Ultima: Wet-formed mineral fiber with acoustically transparent membrane

Lyra® and Optima®: Fiberglass with acoustically transparent membrane

Surface Finish
Calla and Lyra: Acoustically transparent membrane with factory-applied latex paint

Ultima and Optima: DuraBrite® acoustically transparent scrim 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
Calla: Type A, Form A2.2, Pattern G; Fire Class A

Ultima: Type A, Form A2.2, Pattern E; Fire Class A

Lyra and Optima: 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 tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED, WELL, Living Building Challenge, CalGreen Title 24, ANSI/ ASHRAE/USGBC/ IES Standard 189; ANSI/GBI Green Building Assessment Protocol. (Excludes Item 3259)

Design Considerations
Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

Acoustical Performance
CAC testing conducted using Silhouette® suspension system for 9/16" edge detail.

High Recycled Content
Classified as containing 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
Calla:
R Factor – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

Lyra:
R Factor – 4.4 (BTU units)
R Factor – 0.76 (Watts units)

Ultima:
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

Optima:
R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)

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

Weight; Square Feet/Carton
8935 – 0.99 LBS/SF; 40 SF/CTN
8942 – 0.42 LBS/SF; 75 SF/CTN
8936 – 0.99 LBS/SF; 48 SF/CTN
8943 – 0.42 LBS/SF; 96 SF/CTN
8937 – 0.99 LBS/SF; 37.5 SF/CTN
8944 – 0.43 LBS/SF; 48 SF/CTN
8938 – 1.11 LBS/SF; 40 SF/CTN
8946 – 0.44 LBS/SF; 75 SF/CTN
8939 – 1.11 LBS/SF; 37.5 SF/CTN
8949 – 0.44 LBS/SF; 96 SF/CTN
8941 – 0.41 LBS/SF; 48 SF/CTN

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

BPCS-5834-824

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