

new Center Cut Panels for Recessed Downlighting



Optima® 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" square and tegular
- Monolithic look with crisp, integrated lighting
- Pre-cut downlight opening available for BeveLED Mini or BeveLED 2.2 square or round lights
- Fast, easy installation
- No on-site panel cuts needed
- Seismic-tested
- 10-year limited warranty

TYPICAL APPLICATIONS

- Open and closed offices
- Lobbies
- Training rooms
- Corridors
- Conference rooms

Lighting Partner:

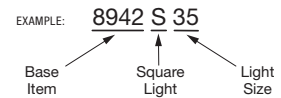


Follow the below two (2) steps when specifying Center Cut Panels:

1. Choose your Center Cut Ceiling Panel

To specify the correct center cut tile for your system:

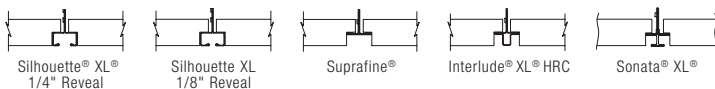
1. Choose the appropriate 4-digit number below to indicate product visual and size.
2. Choose if you are using a circle or square light by adding C or S to the item number.
3. Choose the size of the light you are using BeveLED Mini or BeveLED 2.2 by adding 35 or 5 to the item number.



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 Standard 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 x 24 x 1"	9/16" square tegular	2824	8935__	S or C	35 or 5
Ultima®	24 x 24 x 7/8"	9/16" beveled tegular	1912	8936__	S or C	35 or 5
	30 x 30 x 7/8"	9/16" beveled tegular	1905	8937__	S or C	35 or 5
Ultima High NRC	24 x 24 x 7/8"	9/16" beveled tegular	1942	8938__	S or C	35 or 5
	30 x 30 x 7/8"	9/16" beveled tegular	1431	8939__	S or C	35 or 5
Lyra PB	24 x 24 x 1"	9/16" square tegular	8361PB	8941__	S or C	35 or 5
	30 x 30 x 1"	9/16" square tegular	8359PB	8942__	S or C	35 or 5
	48 x 48 x 1"	9/16" square tegular	8356PB	8943__	S or C	35 or 5
Optima PB	24 x 24 x 1"	9/16" square tegular	3251PB	8944__	S or C	35 or 5
	30 x 30 x 1"	9/16" square tegular	3259PB	8946__	S or C	35 or 5
	48 x 48 x 1"	9/16" square tegular	3256PB	8949__	S or C	35 or 5

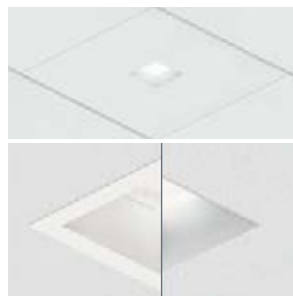
2. Choose your 9/16" Suspension System (Note: System uses standard main beams, cross tees and wall molding)



BEVELED® 2.2 AND BEVELED MINI TRIMLESS ACOUSTICAL LIGHTING FOR USE WITH CENTER CUT CEILING PANEL

For the first time – a sheetrock-looking solution 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 tool-less 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

Trimless Acoustical Light Fixture Family From USAI Lighting Includes:

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



For more product information visit: usailighting.com/trimlessacoustical





Center Cut Panels for Recessed Downlighting



SUSTAIN*
High Performance
Sustainable
Ceiling Systems

Coordinating Field Panels

VISUAL SELECTION

Edge Profile Item No. Dimensions (Inches)

CALLA®

9/16" Square Tegular **2824** 24 x 24 x 1"



LYRA® PB (Plant-based Binder)

9/16" Square Tegular **8361PB** 24 x 24 x 1"



8359PB 30 x 30 x 1"

8356PB 48 x 48 x 1"

ULTIMA®

9/16" Beveled Tegular **1912** 24 x 24 x 3/4"



1905 30 x 30 x 3/4"

ULTIMA High NRC

9/16" Beveled Tegular **1942** 24 x 24 x 7/8"



1431 30 x 30 x 7/8"

OPTIMA® PB (Plant-based Binder)

9/16" Square Tegular **3251PB** 24 x 24 x 1"



3259PB 30 x 30 x 1"

3256PB 48 x 48 x 1"

PERFORMANCE SELECTION Dots represent high level of performance.

Edge Profile	Item No.	Dimensions (Inches)	UL Classified Acoustics		Total Acoustics ¹	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty	
			NRC	CAC															
CALLA®																			
9/16" Square Tegular	2824	24 x 24 x 1"	0.85	35	BEST	170	Class A	0.86											
			•	•				•											
LYRA® PB (Plant-based Binder)																			
9/16" Square Tegular	8361PB	24 x 24 x 1"	0.95	N/A	–	190	Class A	0.88											
			•			•		•											
	8359PB	30 x 30 x 1"	0.95	N/A	–	190	Class A	0.88											
			•			•		•											
	8356PB	48 x 48 x 1"	0.95	N/A	–	190	Class A	0.88											
			•			•		•											
ULTIMA®																			
9/16" Beveled Tegular	1912	24 x 24 x 3/4"	0.75	35	BETTER	–	Class A	0.90											
			•	•				•											
	1905	30 x 30 x 3/4"	0.75	35	BETTER	–	Class A	0.90		Std									
			•	•				•											
ULTIMA High NRC																			
9/16" Beveled Tegular	1942	24 x 24 x 7/8"	0.80	35	BEST	170	Class A	0.87											
			•	•		•		•											
	1431	30 x 30 x 7/8"	0.75	35	BETTER	170	Class A	0.87											
			•	•		•		•											
OPTIMA® PB (Plant-based Binder)																			
9/16" Square Tegular	3251PB	24 x 24 x 1"	0.95	N/A	–	190	Class A	0.90			–								
			•			•		•			•								
	3259PB	30 x 30 x 1"	0.95	N/A	–	190	Class A	0.90			–								
			•			•		•			•								
	3256PB	48 x 48 x 1"	0.95	N/A	–	190	Class A	0.90			–								
			•			•		•			•								

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+)
 NOTE: Center cut panels are not certified acoustically



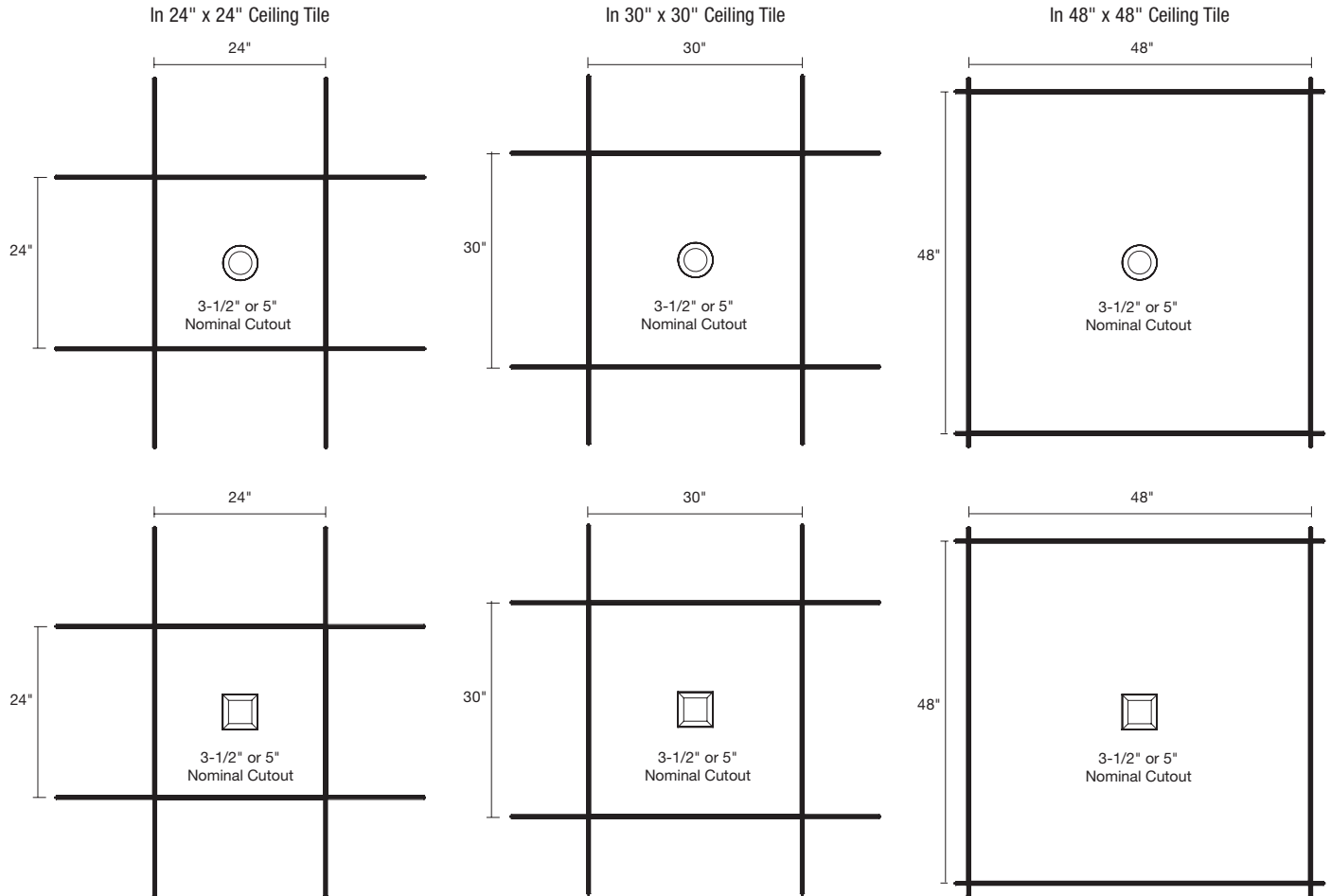
Center Cut Panels for Recessed Downlighting



SUSTAIN®
High Performance
Sustainable
Ceiling Systems

BeveLED® 2.2 Trimless Acoustical and BeveLED Mini Trimless Acoustical Square or Circle Downlight For Use With Pre-cut Ceiling Tiles

BELOW CEILING APPEARANCE AND TRIM DIMENSIONS



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

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

Calla and Ultima: Type IV, Form 2, Pattern E, Fire Class A
Lyra and Optima: 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.

Mold/Mildew Protection

Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

VOC Emissions

Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED. CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

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)	Lyra:	R Factor – 4.4 (BTU units)
R Factor – 0.445 (Watts units)		R Factor – 0.76 (Watts units)	
Ultima:	R Factor – 2.2 (BTU units)	Optima:	R Factor – 6.0 (BTU units)
R Factor – 0.39 (Watts 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/downlight

BPCS-5834-618

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