

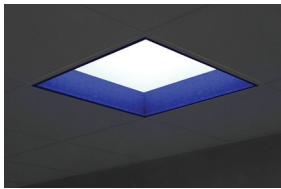
JUT BOX OWTI ACOUSTIC



The Jut Box OWTI Acoustic by Barbican offers the possibility of adding dimension,color, and texture to an otherwise flat and ordinary ceiling. The Jut Box OWTI Acoustic expands the Jut Box family by combining a cost effective light engine with PET felt in several shape and regress height options, providing a cost effective option for an elevated look.

Groupings of fixtures can create mesmerizing design features in any space.

RELATED PRODUCT



Jut Box INNI Acoustic



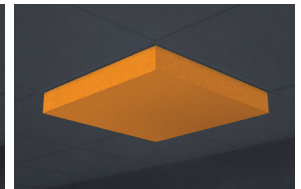
Jut Box



Jut INNI

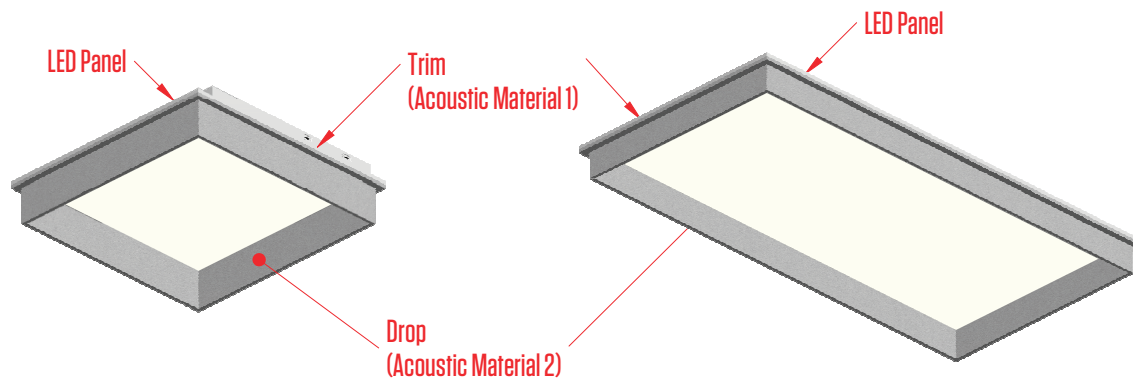


Jut OWTI



JUT Acoustic OWTI

ACOUSTIC MATERIAL 1 and 2



JUT BOX OWTI ACOUSTIC



SPECIFICATION

Fixture	Type		Width		Length		Acoustic Depth		Acoustic Material 1 - TRIM			Acoustic Material 2 - DROP		
20-03AR			24W											
20-03AR Jut Box OWTI Acoustic	L U	Lit Unlit	24W	24"	24L 48L	24" 48"	0H	Flush	A01	Carrot	A09	Oyster	A16	Storm
							2H	2"	A02	Cornflower	A10	Pacific	A17	Ultramarine
							3H	3"	A03	Ebony	A11	Pearl	A18	Beeswax
							4H	4"	A04	Heather	A12	Ruby	A19	Pine
							CUSH	Custom Diffuser Height <i>Consult factory</i>	A05	Linen	A13	Sage	A20	Mulberry
									A06	Marble	A14	Sand	A21	Cattail
									A08	Nori	A15	Slate		
Please select finishes for both TRIM and DROP. All finishes are available for each material. If a single finish is specified, the same finish will be applied to both trim and drop material.														

Please select finishes for both TRIM and DROP. All finishes are available for each material. If a single finish is specified, the same finish will be applied to both trim and drop material.

Mounting	T-Bar Size	Driver Location	Color Temperature	Color Rendering
RAM		INDL	CCTS	90CRI
RAM Recessed	15TS 15/16" 9TS 9/16" <i>Please choose the size t-bar used for this project to ensure proper fixture dimensions/fitment</i>	INDL Integral Driver	CCTS CCT Selectable 3000K 3500K 4000K	90CRI 90+ CRI

Delivered Output

STDLM

Standard - Fixture Selectable

2x2 (output is switch selectable per fixture)

Height	Output*		
	27W	37W	47W
0"	3790 lm	5055 lm	6320 lm
2"	3615 lm	4820 lm	6030 lm
3"	3505 lm	4675 lm	5840 lm
4"	3405 lm	4540 lm	5680 lm

2x4 (output is switch selectable per fixture)

Height	Output*		
	37W	46W	55W
0"	4985 lm	6645 lm	7485 lm
2"	4765 lm	6355 lm	7155 lm
3"	4660 lm	6215 lm	7000 lm
4"	4570 lm	6095 lm	6865 lm

**Output based on Linen (A05) acoustic finish at 3500K*

Voltage

UNV

120/277 Volts

Consult factory for other voltages

Dimming Driver

S010V10

S010V10 Standard 0-10V, 10%

*Output based on Linen (A05) acoustic finish at 3500K

WRITTEN SPECIFICATIONS

LED System

- LED circuit boards are mounted to metal trays for effective thermal management and uniform light distribution.
- LEDs are 90+ CRI with color consistency within 3 SDCM.
- Lumen output and correlated color temperature is field selectable per fixture, as shown in the lumen tables for source lumens, and varies with fixture size and acoustic material height and finish.
- LED modules and drivers are serviceable from above or below depending on ceiling condition and mounting method.

2x2 (output is switch selectable per fixture)

Height	Output*			LLF**
	27W	37W	47W	
0"	3790 lm	5055 lm	6320 lm	.98
2"	3615 lm	4820 lm	6030 lm	.90
3"	3505 lm	4675 lm	5840 lm	.86
4"	3405 lm	4540 lm	5680 lm	.82

2x4 (output is switch selectable per fixture)

Height	Output*			LLF**
	37W	46W	55W	
0"	4985 lm	6645 lm	7485 lm	.98
2"	4765 lm	6355 lm	7155 lm	.90
3"	4660 lm	6215 lm	7000 lm	.88
4"	4570 lm	6095 lm	6865 lm	.85

*Output based on Linen (A05) acoustic finish at 3500K

**LLF for dark acoustic materials based on Slate (A15)

Electrical

- Standard driver is universal voltage 120/277 V with 0 to 10 V dimming, dimming range 100% to 10%, and power factor greater than 0.9. Driver location is integral to the fixture.
- Consult factory for emergency requirements, special control gear, PoE systems or alternate driver requirements.
- Fixtures labeled for nominal wattage. Actual wattage draw listed in lumen output table.

Labels

- ETL listed for the United States and Canada
- Suitable for dry and damp indoor locations

Construction

- Acoustic trim and drop components are fabricated from rigid PET (polyethylene terephthalate) felt. The material is dimensionally stable, moisture resistant, and contains post-consumer recycled content as defined in Barbican acoustic felt documentation. Base material thickness is 9 mm. Acoustic components are available in a range of standard colors. Availability and lead times vary by color, consult factory.
- Surface Burning Characteristics
 - o Testing performed by an independent laboratory in accordance with ASTM E84.
 - o Flame Spread Index (FSI): 15
 - o Smoke Developed Index (SDI): 80
 - o Classification: Class A
- Cold-rolled steel (SPCC) housing with steel back cover. Stainless steel fasteners. Polyester powder coat finish.
- Extruded polystyrene ((C₈H₈)_n) diffuser engineered for uniform illumination.

Finish

- Metal components receive a polyester powder coat finish applied over a multi stage pretreatment process. Standard colors are as specified in the ordering information. Acoustic felt finishes are PET based and available in standard Barbican colorways.

Lumen Maintenance

- Based on LED manufacturer data and TM 21 calculations, the system is designed for long life in typical indoor environments.
- Reported L90 > 10,000hrs, Calculated > 60,000hrs (TM-21)

Warranty

- Each luminaire is engineered, assembled, and tested to Barbican quality standards, with components, thermal design, and electrical systems selected to ensure long-term performance.
- The complete fixture, including LED system and driver, is covered by a 5-year limited warranty for operation at ambient temperatures up to 25 °C (77° F). Contact Barbican for full warranty terms.

LABELS



ETL
Listed

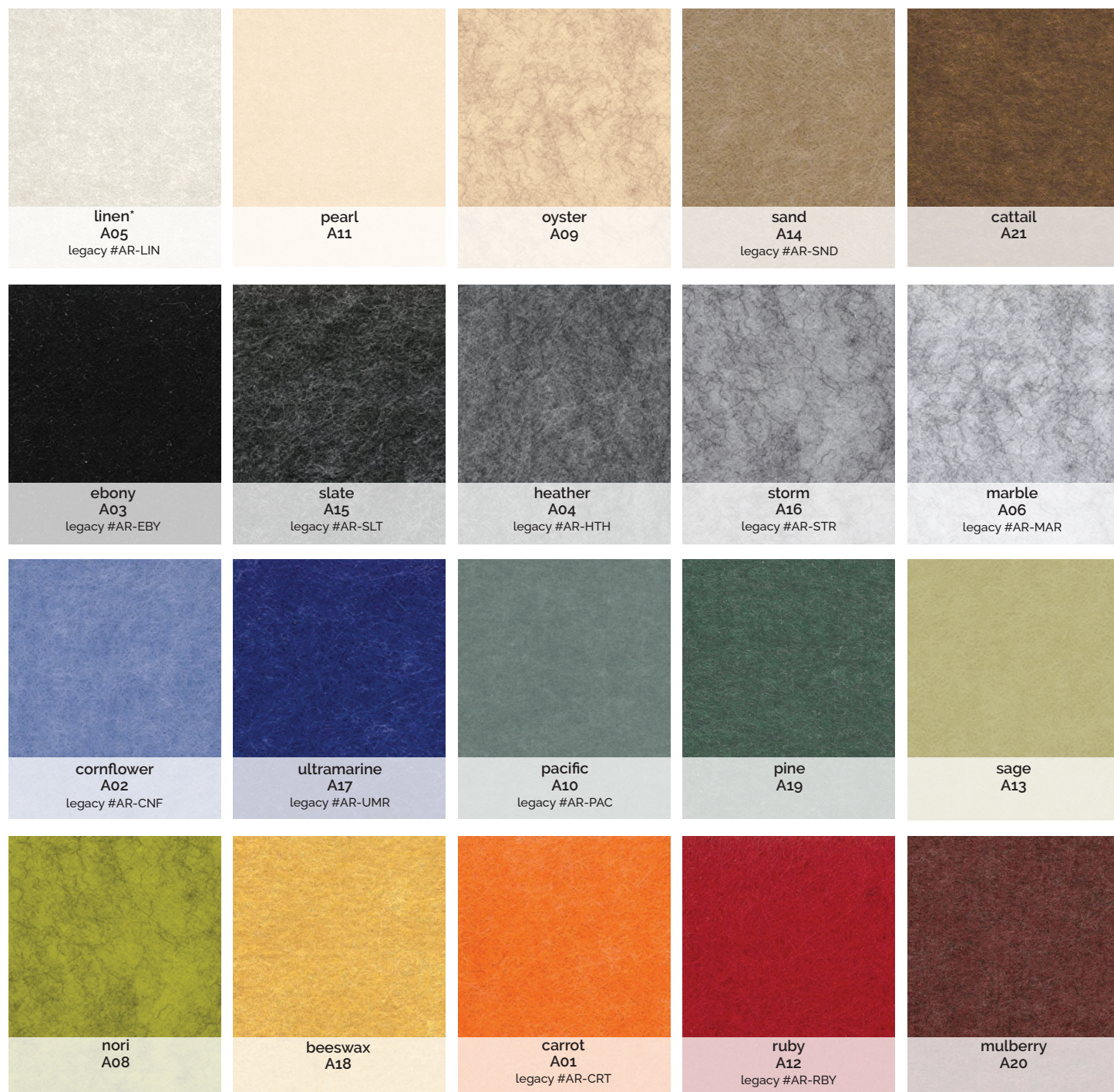


Dry/Damp
Rated



5
Years
5-Year
Warranty

ACOUSTIC FELT Colour Samples

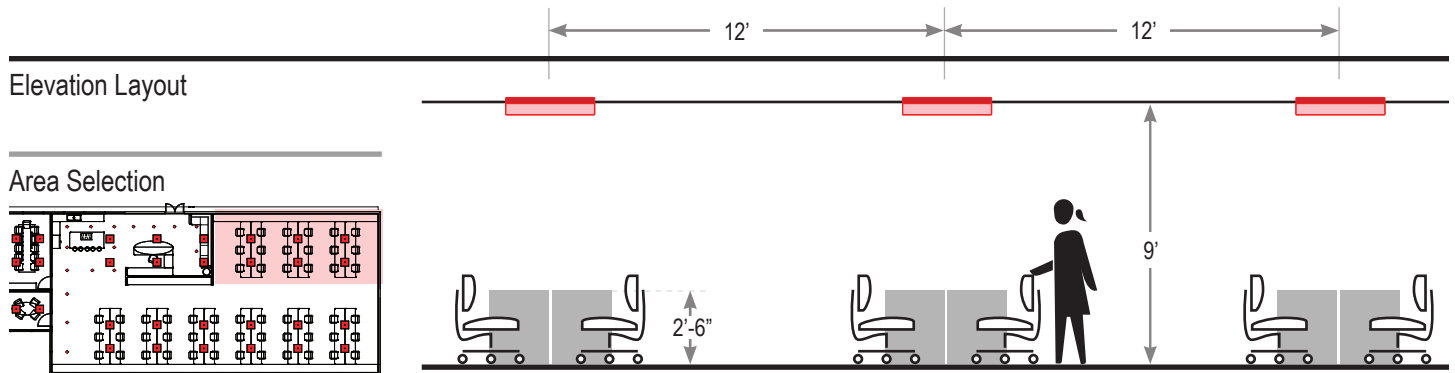


*LINEN is available for Acoustic Shapes, Sheets and Panels, but only select Lighting Fixtures.
Please consult with factory for availability.

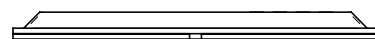
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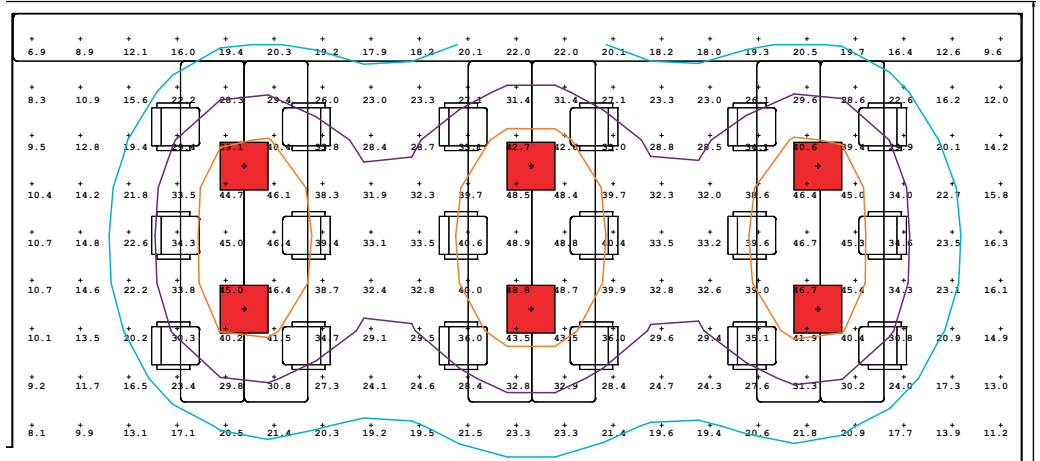
EXAMPLE LAYOUT



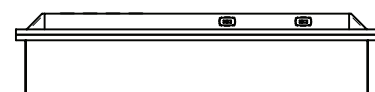
0" High Layout (flush)



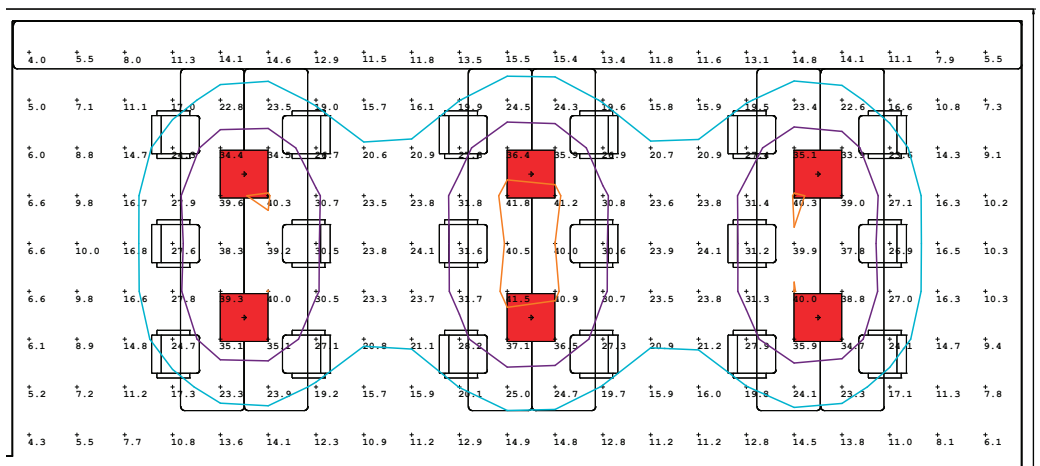
Mounting Height: 9'-0" AFF
Workplane Height: 2'-6" AFF
Spacing: 12'-0"
Fixture Specs: 24" Width
 0" Height
 3500 lm (30W)
 3500K
Reflectances (%): 80/50/20
 Ceiling/Wall/Floor



4" High Layout



Mounting Height: 9'-0" AFF
Workplane Height: 2'-6" AFF
Spacing: 12'-0"
Fixture Specs: 24" Width
 4" Height
 3000 lm (30W)
 3500K
Reflectances (%): 80/50/20
 Ceiling/Wall/Floor



APPLICATIONS

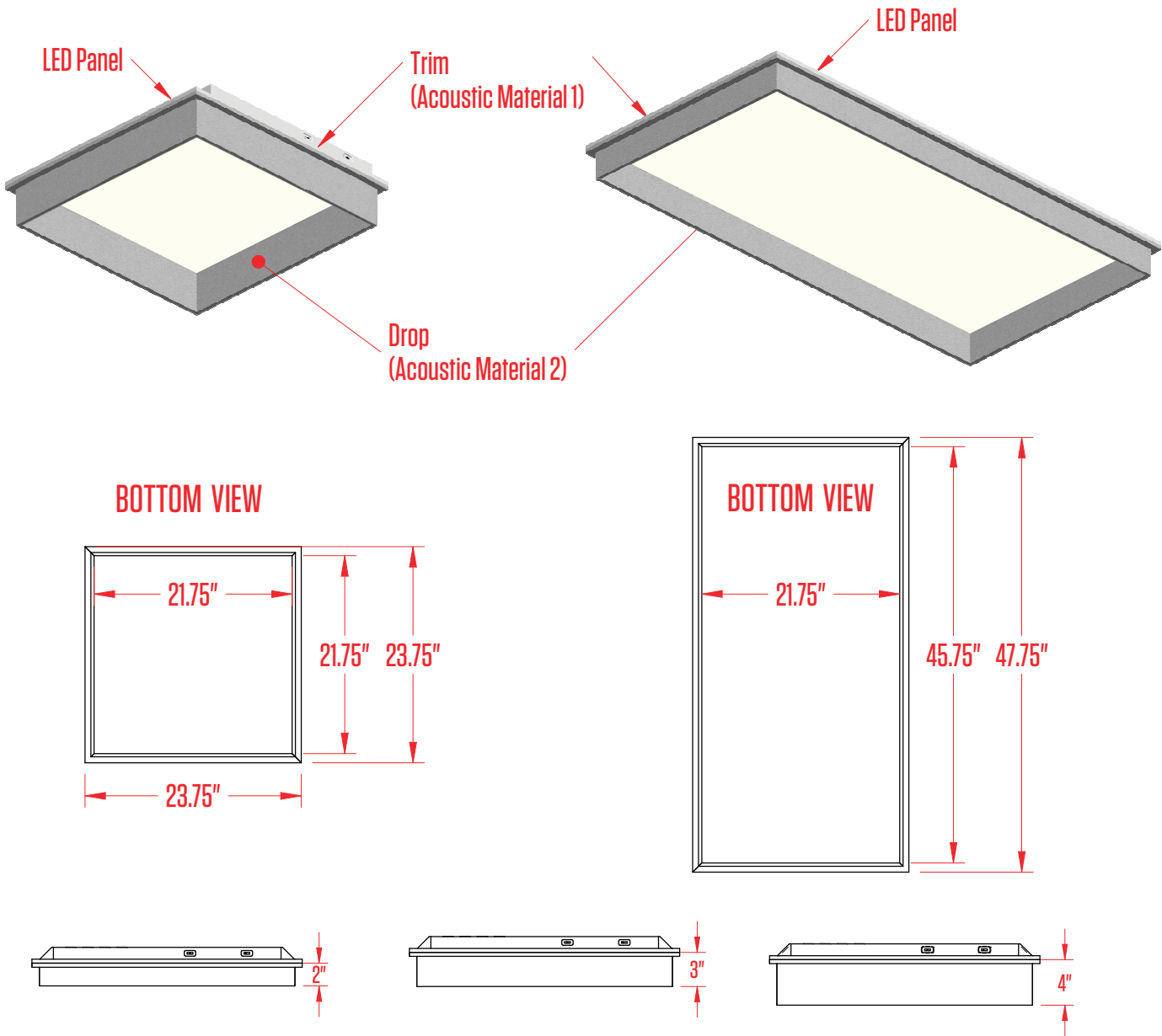




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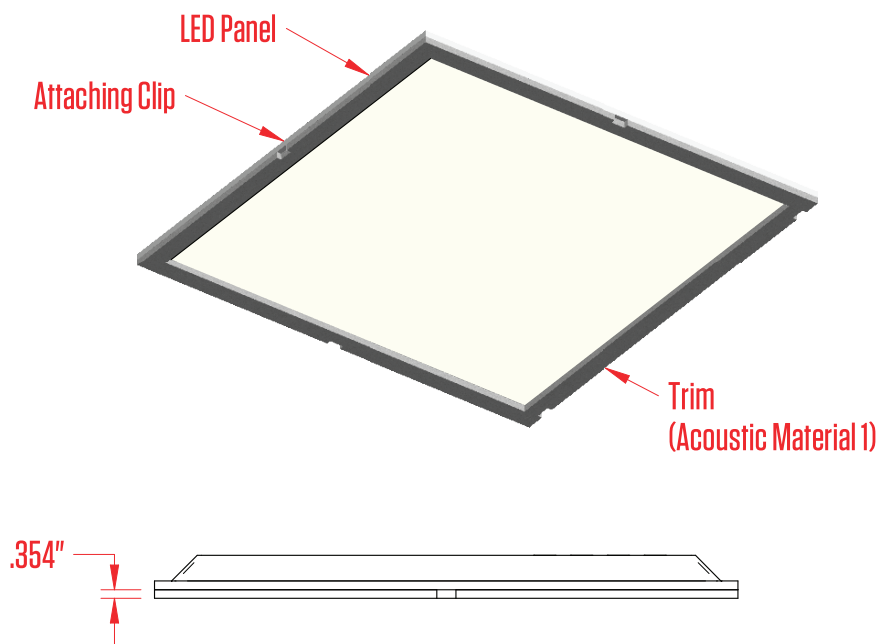
SPECIFICATION - line drawing 1 of 2



JUT BOX OWTI ACOUSTIC



SPECIFICATION - line drawing - 2 of 2



BOTTOM VIEW

