

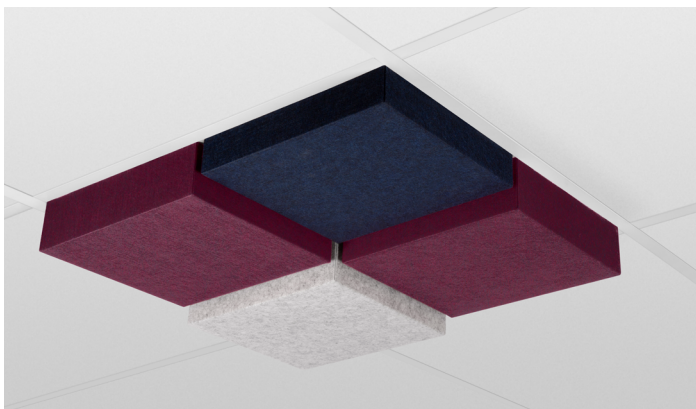
POP RECESSED

SQUARE
ACOUSTIX - BLANK



Project: _____
Type: _____































LUMENWERX



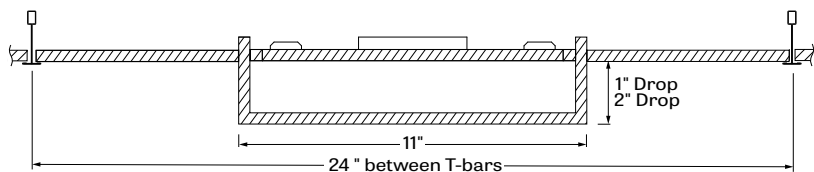
DESCRIPTION

Pop Recessed Acoustix is an unlit sound absorption panel that fits into suspended ceiling tile. Available in three shapes, four heights, and 29 PET felt colors (10 standard and 19 premium), Pop Recessed Acoustix can be used with related Acoustix and/or traditional luminaires. Mix the patterns, heights, and colors to create truly unique acoustic lighting solutions.

Order Guide

LUMINAIRE ID	SIZE	DROP HEIGHT	MOUNTING	FELT COLOR	
PORSQACOB			GRD		
PORSQACOB - Pop Recessed Square Acoustix Blank	11 - 1' X 1' 12 - 1' X 2' 22 - 2' X 2'	FH - Flush 1D ¹ - 1" Drop 2D ¹ - 2" Drop 3D ^{1,2} - 3" Drop 4D ^{1,2} - 4" Drop ¹ Not available with 1' x 2' fixture. ² Not available with 1' x 1' fixture.	GRD - Grid ceiling	STANDARD COLORS	PREMIUM COLORS ^{3,4}
				<div><div>FWN</div><div>FON</div><div>ION</div><div>TBN</div><div>MDN</div></div> <div><div>LVN</div><div>LEN</div><div>CYN</div><div>PMN</div><div>FGN</div></div>	<div><div>PKN</div><div>OGN</div><div>LNN</div><div>LMN</div><div>EGN</div></div> <div><div>CDN</div><div>LCN</div><div>SYN</div><div>BLN</div><div>NVN</div></div> <div><div>IVN</div><div>SLN</div><div>CNN</div><div>GHN</div><div>CLN</div></div> <div><div>BHN</div><div>CFN</div><div>GRN</div><div>MON</div><div>ESN</div></div>
<div>³ Please consult factory for more color options. ⁴ Lead time may vary.</div>					

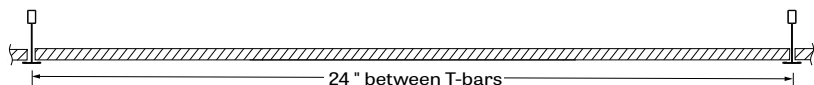
Section view



PORSQACOB - 1' x 1'

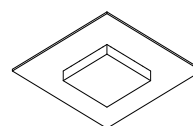


PORSQACOB - 2' x 2'

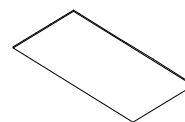


PORSQACOB - 1' x 2'

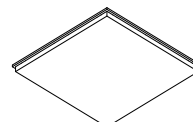
Perspective



11 - 1' x 1' - 2" Drop



12 - 1' x 2' - FH



22 - 2' x 2' - 1" Drop

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LUMENWERX

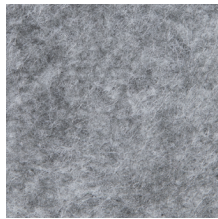
Project: _____

Type: _____

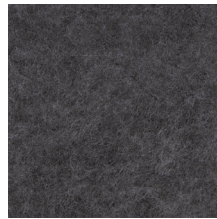
Standard Color Options



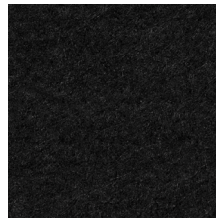
FWN - FROST WHITE



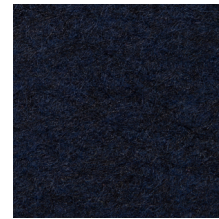
FON - FOG



ION - IRON



TBN - TRUE BLACK



MDN - MIDNIGHT BLUE



LVN - LAVENDER



LEN - LATTE



CYN - CHERRY



PMN - PLUM



FGN - FOREST GREEN

Premium Color Options*



PKN - PAPRIKA



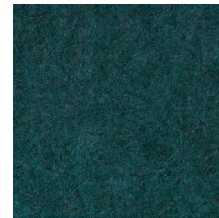
OCN - ORANGE



LNN - LEMON



LMN - LIME



EGN - EVERGREEN



CDN - CLOUDY



LCN - LICHEN



SYN - SKY



BLN - BLUEBERRY



NVN - NAVY



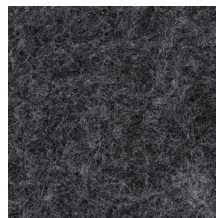
IVN - IVORY



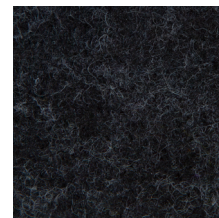
SLN - STEEL



CNN - CARBON



GHN - GRAPHITE



CLN - CHARCOAL



BHN - BLUSH



CFN - CAFÉ



GRN - GREIGE



MON - MOCHA



ESN - ESPRESSO

*Please consult factory
for more color options.
*Lead time may vary.

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LUMENWERX

Project: _____

Type: _____

Acoustic Calculator

Using the Lumenwerx Acoustix Value Calculator table, you can determine the number of acoustic luminaires required in a space by fixture type. We have three levels of recommended sound reduction: good, better, and best. Choosing one of these options will reduce the sound accordingly. The best option indicates the best acoustic improvement. Calculations are based on a standard ceiling height of 9 feet.



- 1 Calculate the square feet of your room (L x W).
- 2 Choose the level of acoustical improvement you are looking for, and find the corresponding value based on your room dimension and luminaire configuration.

% in reduction in reverberation time		
😊 GOOD	25%	
😊😊 BETTER	40%	
😊😊😊 BEST	50%	

LUMINAIRE	DROP LENS	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
		GOOD 😊	BETTER 😊😊	BEST 😊😊😊	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
1 FT x 1 FT	Flush	3	2	1	5	3	2
	1" Drop	4	2	1	7	3	2
	2" Drop	6	3	2	8	4	3
1 FT x 2 FT	Flush	7	3	2	11	5	4
	Flush	14	7	4	21	11	7
	1" Drop	16	7	5	24	12	8
2 FT x 2 FT	2" Drop	18	9	6	28	14	10
	3" Drop	20	10	6	31	16	11
	4" Drop	23	11	7	35	18	12

- 3 Use the Lumenwerx Acoustix Value Formula to determine the number of luminaires needed in the room.

$$\text{Square feet} \div \text{Value} = \text{Number of luminaires}$$

Example:

Luminaires: Pop Recessed Acoustix Square, 2 ft x 2 ft, 2" Drop

Room square feet: L: 20 ft x W: 18 ft = 360 sq ft

Desired acoustical improvement: Better = 14

Number of luminaires needed in the room: $360 \div 14 = 26$ luminaires

NOTES:

- You can mix lit and blank fixtures.

- Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.

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LUMENWERX

Project: _____

Type: _____

Technical Specifications

LUMINAIRE SIZE AND WEIGHT

Pop Recessed Square Acoustix Blank

SIZE	DROP LENS	Weight (LB)	Weight (KG)
1x1	FLUSH	0.12	0.05
	DROP 1"	0.16	0.07
	DROP 2"	0.20	0.09
1x2	FLUSH	0.24	0.11
2x2	FLUSH	0.51	0.23
	DROP 1"	0.58	0.26
	DROP 2"	0.66	0.30
	DROP 3"	0.75	0.34
	DROP 4"	0.84	0.38



WELL for Sound - This luminaire is recommended for use as an acoustical absorption surface to limit reverberation times (RT) in a given space. This luminaire contributes to noise reduction and vibration dampening to promote focus and concentration. Reverberation needs to be calculated in each space based on the materials used.

MOUNTING

Pop Recessed Acoustix fixtures are assembled by folding the felt panels, and recessed mount in a grid ceiling.

ACOUSTIC FINISH

Material is 100% polyester containing up to 50% of recycled plastic bottles (PET) with an ASTM E-84 Class A fire rating and is moisture resistant.

CARE

Remove dust and debris with a clean, dry, soft, lint-free cloth, or vacuum.

WARRANTY

Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.