

CLUSTER

ACOUSTIX BLANK

LUMENWERX



Project: _____
 Type: _____



DESCRIPTION

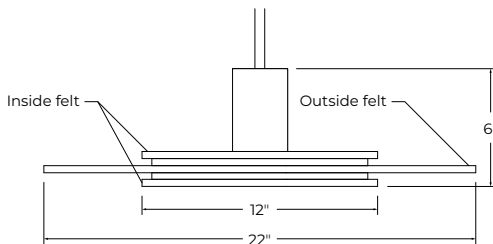
The Cluster Acoustix Blank offers the same great construction as the lit Cluster Acoustix. It acts as additional sound absorption to add acoustical performance without over lighting the space and not compromising architectural aesthetics.

Order Guide

LUMINAIRE ID	SHAPE	SIZE	CUBOID HEIGHT	CUBOID FINISH	NON-POWERED CANOPY	CANOPY FINISH
CLUP22ACOB - Cluster Acoustix Blank Pendant 2x2 CLUP05ACOB - Cluster Acoustix Blank Pendant 5x1	R - Round S - Square	22 - 22"	6 - 6"	TMW - Textured matte white TMB - Textured matte black CF# - Custom finish, specify RAL#	REG ¹ No power canopy provided.	TMW - Textured matte white TMB - Textured matte black CF# - Custom finish, specify RAL#

HANGER	IN###	OUT###																																																			
STEM ²	LENGTH	INSIDE FELT COLOR	OUTSIDE FELT COLOR																																																		
WHS - Textured white stem BKS - Textured black stem ² Min 18" - max 48"	#IN - Length in inches	Please specify the color for both the inside felt and the outside felt from the list of standard or premium colors below.																																																			
		STANDARD COLORS <table border="0"> <tr> <td> FWN</td> <td> LVN</td> <td> PKN</td> <td> CDN</td> <td> IVN</td> <td> BHN</td> </tr> <tr> <td> FON</td> <td> LEN</td> <td> OGN</td> <td> LCN</td> <td> SLN</td> <td> CFN</td> </tr> <tr> <td> ION</td> <td> CYN</td> <td> LNN</td> <td> SYN</td> <td> CNN</td> <td> GRN</td> </tr> <tr> <td> TBN</td> <td> PMN</td> <td> LMN</td> <td> BLN</td> <td> GHN</td> <td> MON</td> </tr> <tr> <td> MDN</td> <td> FGN</td> <td> EGN</td> <td> NVN</td> <td> CLN</td> <td> ESN</td> </tr> </table>	FWN	LVN	PKN	CDN	IVN	BHN	FON	LEN	OGN	LCN	SLN	CFN	ION	CYN	LNN	SYN	CNN	GRN	TBN	PMN	LMN	BLN	GHN	MON	MDN	FGN	EGN	NVN	CLN	ESN	PREMIUM COLORS ^{3,4} <table border="0"> <tr> <td> PKN</td> <td> CDN</td> <td> IVN</td> <td> BHN</td> </tr> <tr> <td> OGN</td> <td> LCN</td> <td> SLN</td> <td> CFN</td> </tr> <tr> <td> LNN</td> <td> SYN</td> <td> CNN</td> <td> GRN</td> </tr> <tr> <td> LMN</td> <td> BLN</td> <td> GHN</td> <td> MON</td> </tr> <tr> <td> EGN</td> <td> NVN</td> <td> CLN</td> <td> ESN</td> </tr> </table>	PKN	CDN	IVN	BHN	OGN	LCN	SLN	CFN	LNN	SYN	CNN	GRN	LMN	BLN	GHN	MON	EGN	NVN	CLN	ESN
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		³ Please consult factory for more color options. ⁴ Lead time may vary.																																																			

Dimensions

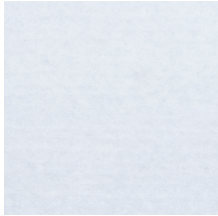


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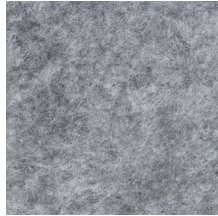
ACOUSTIX BLANK

LUMENWERX

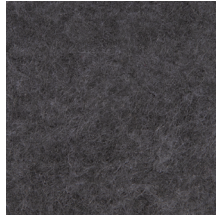
Standard Color Options



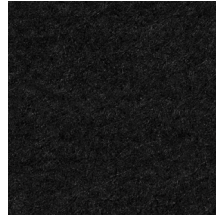
FWN - FROST WHITE



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



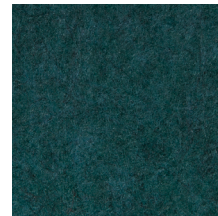
OGN - ORANGE



LNN - LEMON



LMN - LIME



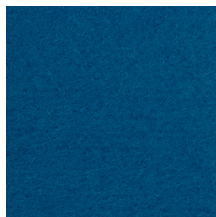
EGN - EVERGREEN



CDN - CLOUDY



LCN - LICHEN



SYN - SKY



BLN - BLUEBERRY



NVN - NAVY



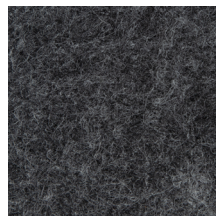
IVN - IVORY



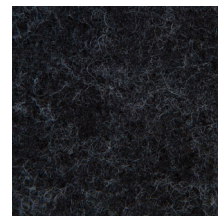
SLN - STEEL



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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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%

SIZE	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
	GOOD 😊	BETTER 😊😊	BEST 😊😊😊	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
Round ø22"	30	15	10	48	24	16
Square 22" x 22"	38	19	13	61	30	20

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: Cluster Acoustix, Square 22" x 22"

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

Desired acoustical improvement: Better = 30

Number of luminaires needed in the room: $360 \div 30 = 12$ 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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Technical Specifications

WEIGHT

Cluster Acoustix 2x2: 6.75 lbs - 3 kg

CONSTRUCTION

Housing - Die-cast aluminum (0.95" nominal)

Cuboid - Aluminum extrusion

Cover pendant - 18 gauge aluminum sheet

Extension bar - Galvanized steel

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 on 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.



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.