

# SQUERO ACOUSTIX

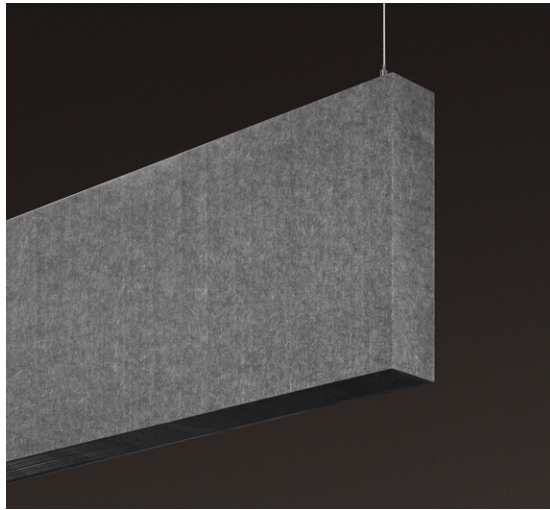
PENDANT  
BLANK

# LUMENWERX



Project: \_\_\_\_\_

Type: \_\_\_\_\_



## DESCRIPTION

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

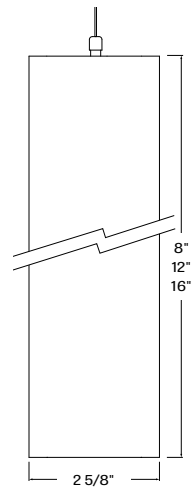
## Order Guide

LUMINAIRE ID	LUMINAIRE HEIGHT	LUMINAIRE LENGTH	NON-POWERED MOUNTING <sup>1</sup>
<b>SQUACOBP</b>			
<b>SQUACOBP</b> - Squero Acoustix Blank Pendant	<b>8IN</b> - 8" <b>12IN</b> - 12" <b>16IN</b> - 16"	<b>#FT#IN</b> - Specify nominal length (#) in 2' increments  <b>Standard nominal lengths:</b> Single units: 4' to 8' Continuous runs: lengths over 8'	<b>ACS</b> - Aircraft cable, standard <b>STS</b> - Stem, standard <b>ACC()</b> - Aircraft cable, custom <b>STC()</b> - Stem, custom  <sup>1</sup> See page 2 for ordering details.

FELT COLOR		OPTIONS																																	
<table border="0"> <tr> <td><b>STANDARD COLORS</b></td> <td><b>PREMIUM COLORS <sup>2,3</sup></b></td> </tr> <tr> <td> <table border="0"> <tr> <td> FWN</td> <td> LVN</td> </tr> <tr> <td> FON</td> <td> LEN</td> </tr> <tr> <td> ION</td> <td> CYN</td> </tr> <tr> <td> TBN</td> <td> PMN</td> </tr> <tr> <td> MDN</td> <td> FGN</td> </tr> </table> </td> <td> <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> </td> </tr> </table>	<b>STANDARD COLORS</b>	<b>PREMIUM COLORS <sup>2,3</sup></b>	<table border="0"> <tr> <td> FWN</td> <td> LVN</td> </tr> <tr> <td> FON</td> <td> LEN</td> </tr> <tr> <td> ION</td> <td> CYN</td> </tr> <tr> <td> TBN</td> <td> PMN</td> </tr> <tr> <td> MDN</td> <td> FGN</td> </tr> </table>	FWN	LVN	FON	LEN	ION	CYN	TBN	PMN	MDN	FGN	<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	<p><b>CTB9</b> <sup>4</sup> - T-bar caddy clip, 9/16"  <b>CTB15</b> <sup>4</sup> - T-bar caddy clip, 15/16"  <b>CTG9</b> <sup>4</sup> - Tegular caddy clip, 9/16"  <b>CTG15</b> <sup>4</sup> - Tegular caddy clip, 15/16"  <b>CST</b> <sup>4</sup> - Screw slot caddy clip  <b>NA</b> - None</p> <p><sup>4</sup>Available with aircraft cable only.</p>
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<sup>2</sup>Please consult factory for more color options.  
<sup>3</sup>Lead time may vary.

## Dimension



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## Pendant Mounting Code

### Standard

For a standard mounting, please refer to the information below.

MOUNTING	
<b>ACS</b> - Aircraft cable, standard	<b>STS</b> - Stem, standard
<p>Ø3" for non-power Canopies are white Aircraft cable length is 36"</p>	<p>Ø5" for non-power Canopies are white Stem finish is the same color as fixture Stem length is 18" Stem is not field adjustable</p>

### Custom

#### Aircraft Cable

For a custom mounting, specify the options in the parentheses.

Example: ACC(3NPC-72IN-W-SLC)

MOUNTING				
ACC()				
	NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	OPTIONS
<b>ACC</b>	<p><b>3NPC</b> - Ø3" non-power canopy <b>5NPC</b> - Ø5" non-power canopy</p>	<p><b>36IN</b> - 36" <b>72IN</b> - 72" <b>120IN</b> - 120" <b>#IN</b><sup>1</sup> - Other lengths, specify in inches</p> <p><sup>1</sup>Maximum length is 288". For longer lengths, please consult factory.</p>	<p><b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF#</b> - Custom finish, specify RAL#</p>	<p><b>SEM</b> - Seismic mounting <b>SLC</b> - Sloped ceiling for aircraft cable <b>NA</b> - None</p>

#### Stem

For a custom mounting, specify the options in the parentheses.

Example: STC(5NPC-36IN-W-STW-SLS)

MOUNTING					
STC()					
	NON-POWER CANOPY SIZE	STEM LENGTH	CANOPY FINISH	STEM COLOR	OPTIONS
<b>STC</b>	<p><b>5NPC</b> - Ø5" non-power canopy</p>	<p><b>18IN</b> - 18" <b>36IN</b> - 36" <b>#IN</b><sup>2</sup> - Specify length in inches</p> <p><sup>2</sup>Minimum length is 6". Maximum length is 72". Stem is not field adjustable.</p>	<p><b>W</b> - Matte white <b>AL</b> - Aluminum <b>B</b> - Matte black <b>CF#</b> - Custom finish, specify RAL#</p>	<p><b>STW</b> - Matte white <b>STAL</b> - Aluminum <b>STB</b> - Matte black <b>STCF#</b> - Custom finish, specify RAL#</p>	<p><b>SLS</b> - Sloped ceiling for stem <b>NA</b> - None</p>

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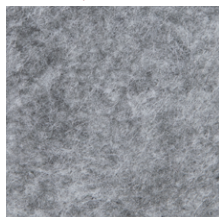
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## Standard Color Options



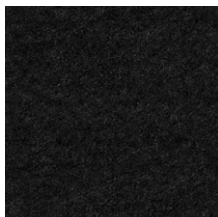
**FWN** - FROST WHITE



**FON** - FOG



**ION** - IRON



**TBN** - TRUE BLACK



**MDN** - MIDNIGHT BLUE



**LVN** - LAVENDER



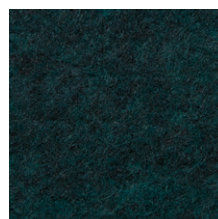
**LEN** - LATTE



**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



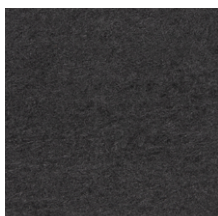
**NVN** - NAVY



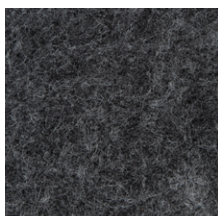
**IVN** - IVORY



**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%

LUMINAIRE	HEIGHT	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
		GOOD 😊	BETTER 😊😊	BEST 😊😊😊	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
4 Feet	8"	19	9	6	29	15	10
	12"	29	14	8	45	22	14
	16"	38	19	12	58	29	19
6 Feet	8"	28.5	13.5	9	43.5	22.5	15
	12"	43.5	21	12	67.5	33	21
	16"	57	28.5	18	87	43.5	28.5
8 Feet	8"	38	18	12	58	30	20
	12"	58	28	16	90	44	28
	16"	76	38	24	116	58	38

- 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:** Squero Acoustix Blank Pendant, 4 ft long, 16" high  
**Room square feet:** L: 20 ft x W: 18 ft = 360 sq ft  
**Desired acoustical improvement:** Better = 29  
**Number of luminaires needed in the room:** 360 ÷ 29 = **13 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



**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.

### LUMINAIRE LENGTH

Squero Acoustix is available in standard 4, 6 and 8 foot sections. Consult factory for other lengths.

### 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 by wiping down with a clean, dry or damp, soft, lint-free cloth, or vacuum.

### CONSTRUCTION

**Hanger** - Chromed griplock securely attached in end caps and/or joiners with stainless steel hardware

**Aircraft cable suspension** - 7x7 braids stainless steel air craft cable 0.05" thick

**Stem** - 0.5" diameter threaded steel tube matte white or aluminum powder coating. Custom finishes are also available.

### WEIGHT

**4ft** - 12.57 lbs - 5.70 kg

**6ft** - 25.14 lbs - 11.40 kg

### 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.