

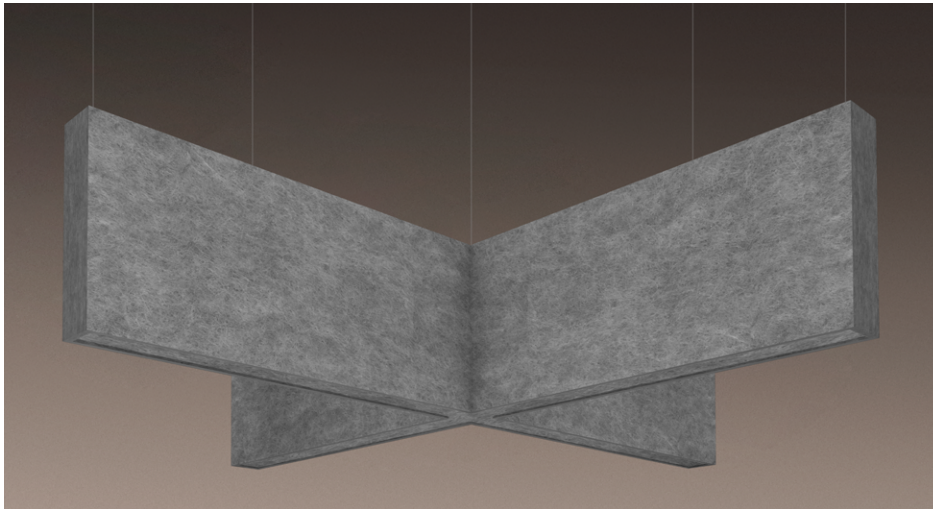
SQUERO ACOUSTIX SPOKE



PENDANT
BLANK



Project: _____
Type: _____



DESCRIPTION

Squero Acoustix Spoke Blank fixtures are unlit acoustic forms designed to preserve the formal integrity and continuity of a lighting design. Detailed with a crisp flat end cap, they are available in 30 PET felt colors (10 standard and 20 premium).

Squero Acoustix Blank Pendant X Spoke 2'

Order Guide

LUMINAIRE ID	LUMINAIRE HEIGHT	NON-POWERED MOUNTING ¹
SQUACOBPY2 - Squero Acoustix Blank Pendant Y Hub Spoke 2' SQUACOBPY3 - Squero Acoustix Blank Pendant Y Hub Spoke 3' SQUACOBPX2 - Squero Acoustix Blank Pendant X Hub Spoke 2' SQUACOBP60V2 - Squero Acoustix Blank Pendant 60° V Hub Spoke 2' SQUACOBP60V3 - Squero Acoustix Blank Pendant 60° V Hub Spoke 3' SQUACOBP60V4 - Squero Acoustix Blank Pendant 60° V Hub Spoke 4' SQUACOBP90V2 - Squero Acoustix Blank Pendant 90° V Hub Spoke 2' SQUACOBP90V3 - Squero Acoustix Blank Pendant 90° V Hub Spoke 3' SQUACOBP90V4 - Squero Acoustix Blank Pendant 90° V Hub Spoke 4' SQUACOBP120V2 - Squero Acoustix Blank Pendant 120° V Hub Spoke 2' SQUACOBP120V3 - Squero Acoustix Blank Pendant 120° V Hub Spoke 3' SQUACOBP120V4 - Squero Acoustix Blank Pendant 120° V Hub Spoke 4'	8IN - 8" 12IN - 12" 16IN - 16"	ACS - Aircraft cable, standard STS - Stem, standard ACC() - Aircraft cable, custom STC() - Stem, custom ¹ See page 2 for ordering details.

FELT COLOR		OPTION
STANDARD COLORS FWN LVN FON LEN ION CYN TBN PMN MDN FGN	PREMIUM COLORS ^{2,3} PKN CDN IVN BHN OGN LCN SLN CFN LNN SYN CNN GRN LMN BLN GHN MON EGN NVN CLN ESN	CTB9 ⁴ - T-bar caddy clip, 9/16" CTB15 ⁴ - T-bar caddy clip, 15/16" CTG9 ⁴ - Tegular caddy clip, 9/16" CTG15 ⁴ - Tegular caddy clip, 15/16" CST ⁴ - Screw slot caddy clip NA - None ⁴ Available with aircraft cable only.

²Please consult factory for more color options.
³Lead time may vary.

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Pendant Mounting Code

Standard

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

MOUNTING	
ACS - Aircraft cable, standard	STS - Stem, standard
<ul style="list-style-type: none"> • Ø 3" for non-power canopy • Canopies are black for black fixtures, and white for all other fixture finishes • Aircraft cable length is 36" 	<ul style="list-style-type: none"> • Ø 5" for non-power canopy • Canopies are black for black fixtures, and white for all other fixture finishes • Stem finish is the same color as fixture • Stem length is 18" • Stem is not field adjustable

Custom

Aircraft Cable

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

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

MOUNTING				
ACC()				
	NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	OPTION
ACC	3NPC - Ø 3" non-power canopy 5NPC - Ø 5" non-power canopy	36IN - 36" 72IN - 72" 120IN - 120" #IN ¹ - Other lengths, specify in inches ¹ Maximum length is 288". For longer lengths, please consult factory.	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	SEM ² - Seismic mounting SLC ² - Sloped ceiling for aircraft cable NA - None ² Not available with the Ø 3" non-power canopy size.

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	OPTION
STC	5NPC - Ø 5" non-power canopy	18IN - 18" 36IN - 36" #IN ³ - Specify length in inches ³ Minimum length is 6". Maximum length is 72". Stem is not field adjustable.	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	STW - Matte white STAL - Aluminum STB - Matte black STCF# - Custom finish, specify RAL#	SLS - Sloped ceiling for stem NA - None

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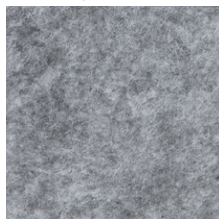


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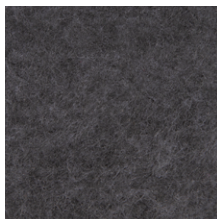
Standard Color Options



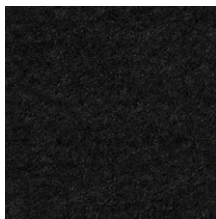
FWN - FROST WHITE



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



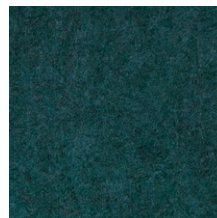
OGN - ORANGE



LNN - LEMON



LMN - LIME



EGN - EVERGREEN



CDN - CLOUDY



LCN - LICHEN



SYN - SKY



BLN - BLUEBERRY



NVN - NAVY



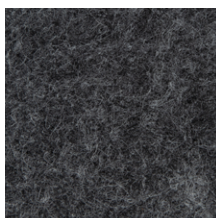
IVN - IVORY



SLN - STEEL



CNN - CARBON



GHN - GRAPHITE



CLN - CHARCOAL



BHN - BLUSH



CFN - CAFÉ



GRN - GREIGE



MON - MOCHA



ESN - ESPRESSO

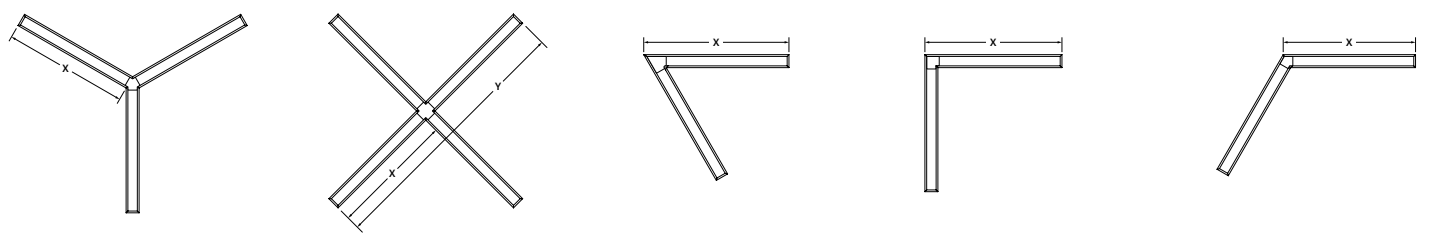
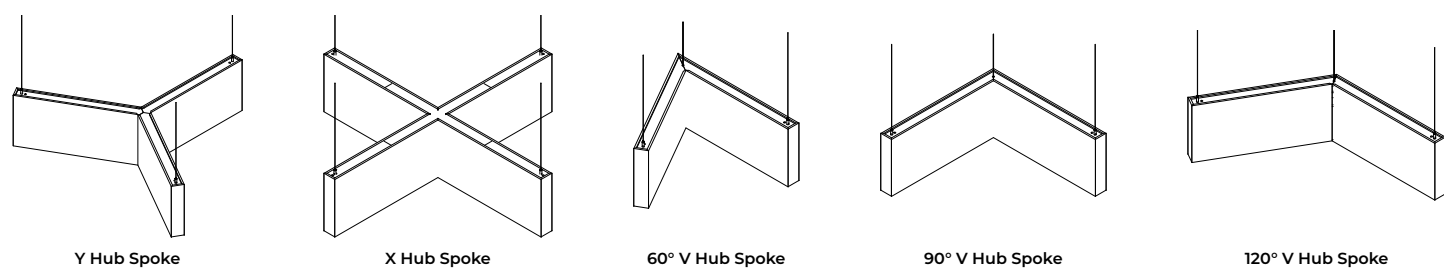
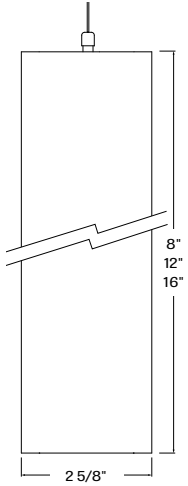
*Please consult factory
for more color options.
*Lead time may vary.

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Dimension



Y HUB SPOKE		X HUB SPOKE		60° V HUB SPOKE		90° V HUB SPOKE		120° V HUB SPOKE	
	X	X	Y	X		X		X	
2'	24 15/16"	2'	24 15/16"	2'	29 1/8"	2'	29 1/8"	2'	29 1/8"
3'	36 15/16"	3'	52 1/4"	3'	41 1/16"	3'	41 1/16"	3'	41 1/16"
		4'		4'	45 1/16"	4'	45 1/16"	4'	45 1/16"



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Acoustic Calculator

Use the Lumenwerx Acoustix Value Calculator table to 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'.

Value calculator table

FIXTURE LENGTH	FIXTURE HEIGHT	Room dimensions under 300 sq ft			Room dimensions over 300 sq ft		
		GOOD 😊	BETTER 😊😊	BEST 😊😊😊	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
% in reduction in reverberation time		25%	40%	50%	25%	40%	50%
1'	8"	4.75	2.25	1.5	7.25	3.75	2.5
	12"	7.25	3.5	2	11.25	5.5	3.5
	16"	9.5	4.75	3	14.5	7.25	4.75

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

$$\frac{\text{Room square footage (sq ft)}}{\text{Fixture length (ft)} \times \text{Value}} = \text{Number of luminaires.}$$

Example: How many 4' length x 8" height luminaires are needed for a 10' x 10' room size, for a BEST (50%) acoustic:
 $(10' \times 10') \div (4' \times 1.5) = 17$ luminaires

NOTES:

- 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 BUILDING STANDARD



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 SHAPE

Squero Acoustix Spoke Blank is available in 3 shapes, Y, X, and V spoke, and 3 height options, 8", 12", and 16". Y spoke comes in 2' and 3' options, and X spoke comes in 2' only. V spoke comes in 2', 3', and 4' options, and in 60°, 90°, and 120° V configurations.

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

Hubs: Digitally milled from solid aluminum

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

Aircraft cable suspension: Ø 1/16" stainless steel aircraft cable

Stem: Ø 1/2" threaded steel tube

WEIGHT

Squero Acoustix Spoke Blank - (16" fixture)

	Spoke Length	Weight (LB)	Weight (KG)
Y Hub	2'	2.48	1.12
	3'	3.7	1.68
X Hub	2'	3.36	1.52
	2'	1.56	0.71
60° V Hub	3'	2.37	1.08
	4'	2.98	1.35
	2'	1.64	0.74
90° V Hub	3'	2.45	1.11
	4'	3.06	1.39
	2'	1.67	0.76
120° V Hub	3'	2.48	1.12
	4'	3.09	1.40

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.