

TYPE:

KEY FEATURES

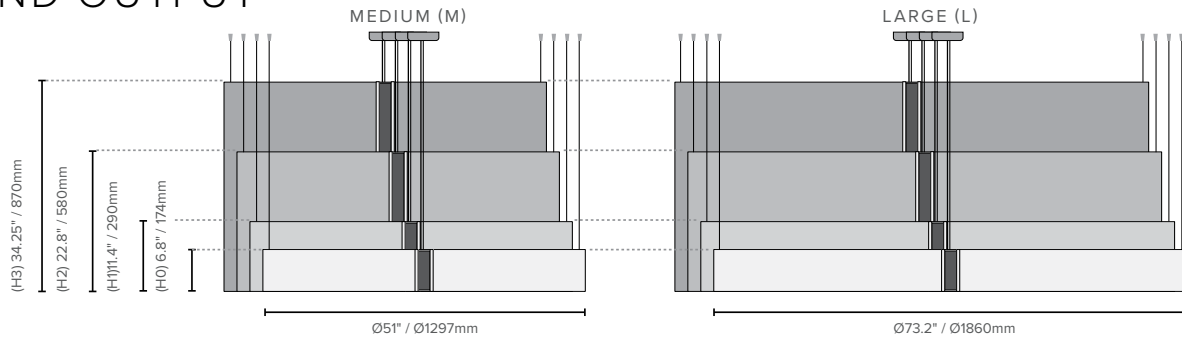
- Highly effective noise absorption
- 2 sizes, 4 heights and a wide range of colors in Basica (flat) or Ranura (ribbed)
- High performance dimmable LED light sources - direct and/or indirect wash
- Multiple shielding options available - UGR <5 on direct louvered output
- Easy cassette style driver servicing factory programmable drivers post install
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available

OPTIONAL EXTRAS

Additional options available upon request:

- POE
- Casambi Bluetooth (US only)
- Tunable White output
- White canopy and power cord
- Custom sizes
- Additional color options

SIZE AND OUTPUT



	DA		DB		DC		I		DIA		DIB		DIC	
Beam Angle (Direct Indirect)	50° (direct)		76° (direct)		100° (direct)		160° (indirect)		50° (direct) - 160° (indirect)		76° (direct) - 160° (indirect)		100° (direct) - 160° (indirect)	
Shielding (down up)	Louvered (direct)		Louvered (direct)		Diffused (direct)		Lensed (indirect)		Louvered (direct) Lensed (indirect)		Louvered (direct) Lensed (indirect)		Diffused (direct) Lensed (indirect)	
UGR (Direct)	<5		<5		-		-		<5		<5		-	
CCT CRI	CCT: 3000K/3500K/4000K CRI >90													
Medium: Lumens (direct indirect)	6360	0	6186	0	4872	0	0	5790	6360	5790	6186	5790	4872	5790
Medium: Wattage	48W		48W		78W		48W		96W		96W		126W	
Large: Lumens (direct indirect)	9540	0	9279	0	7308	0	0	8685	9540	8685	9279	8685	7308	8685
Large: Wattage	72W		72W		117W		72W		144W		144W		189W	
Efficacy (lm/W)	133		129		67		121		127		125		89	

ORDER CODE

EXAMPLE: LX - TE - M - H2 - B - R - 40 - DIA - U1

(Luxxbox Tessel , Medium size (Ø51"/Ø1297mm), Height 2 (22.8" / 580mm), Basica, Red color, 4000K CCT, Direct A (50°, Louvered) - Indirect (160°, Diffused) output, 0-10V 1% dimming 110-277VAC

LX - TE													
PRODUCT CODE	SIZE		HEIGHT		PATTERN		COLOR*	COLOR TEMP		OUTPUT***		REGION / DIMMING	
TE	M	Medium (Ø51" / Ø1297mm)	H0	6.8" / 174mm	B	Basica	Use color code as shown on pg. 2	30	3000K	DA	Direct A (50°, Louvered)	U1	0-10V 1% dimming (110 - 277VAC) (North America only)
			H1	11.4" / 290mm	R	Ranura		35	3500K	DB	Direct B (76°, Louvered)		
	L	Large (Ø73.2"/Ø1860mm)	H2	22.8" / 580mm				40	4000K	DC	Direct C (100°, Diffused)	U2	0-10V 0.1% dimming (110 - 277VAC) (North America only)
			H3	34.2" / 870mm				A**	Acoustic only	I	Indirect (160°, Lensed)		
										DIA	DA (direct) + I (indirect)		
										DIB	DB (direct) + i (indirect)		
										DIC	DC (direct) + i (indirect)	G	DSI / DALI (220 - 240V)

**For acoustic baffle only, specify A in the 'color temp' column and leave the remaining columns blank
***See pg.3 for more information about the different Output options

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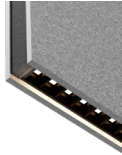
TESSSELL (LX-TE)

TYPE:

SHIELDING OPTIONS

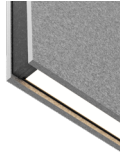
DIRECT

Louvered
(DA/DB)



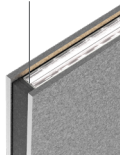
DIRECT

Diffused
(DIC)



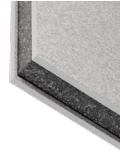
INDIRECT

Lensed
(I/DIA/DIB/DIC)



DIRECT/INDIRECT

Acoustic Baffle
(A)



AVAILABLE COLORS & PATTERNS

Colors are subject to lead times and variations across batches

SOLID PET COLOR OPTIONS

CORE



Off White (OW)



Light Grey (LG)



Light Blue (LB)



Dark Blue (DB)



Emerald Green (EG)



Charcoal (C)



Black (B)

DESIGNER



Sand (SA)



Mid Grey (MG)



Bright Blue (BB)



Steel Blue (SB)



Forest Green (FG)



Bright Yellow (BY)



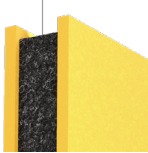
Orange (O)



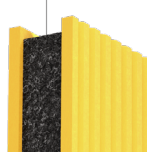
Red (R)

PATTERN OPTIONS

Basica
(B)



Ranura
(R)



CLASSIC WOOL COLOR OPTIONS

Only available for 'Basica' option



2S



2R



3E



2T



21



63



13



18



39



90



3D



2W



82



58



2X



1F



1L



53



1K



1M



1N



2Y



3A



3B



2U



3C



02



2Z



33



1P



26



1Y



09



62



1W



1V



1R



1T



31



47



86



2Q



28



1E



1J



12



30



35



67



08

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TESSELL (LX-TE)

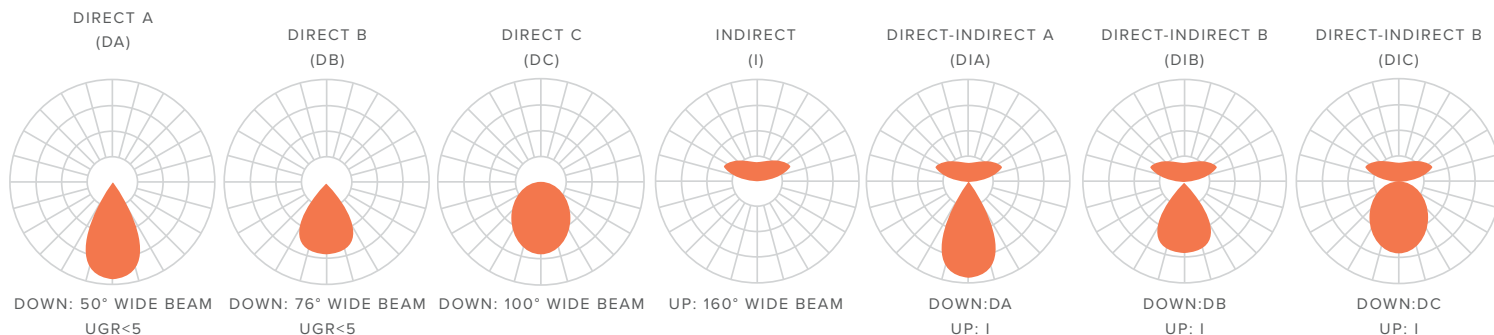
TYPE:

PHOTOMETRICS

IES files can easily be downloaded from our website

	DA		DB		DC		I		DIA		DIB		DIC	
Beam Angle (Direct Indirect)	50° (direct)		76° (direct)		100° (direct)		160° (indirect)		50° (direct) - 160° (indirect)		76° (direct) - 160° (indirect)		100° (direct) - 160° (indirect)	
Shielding (down up)	Louvered (direct)		Louvered (direct)		Diffused (direct)		Lensed (indirect)		Louvered (direct) Lensed (indirect)		Louvered (direct) Lensed (indirect)		Diffused (direct) Lensed (indirect)	
UGR (Direct)	<5		<5		-		-		<5		<5		-	
CCT CRI	CCT: 3000K/3500K/4000K CRI >90													
Medium: Lumens (direct indirect)	6360	0	6186	0	4872	0	0	5790	6360	5790	6186	5790	4872	5790
Medium: Wattage	48W		48W		78W		48W		96W		96W		126W	
Large: Lumens (direct indirect)	9540	0	9279	0	7308	0	0	8685	9540	8685	9279	8685	7308	8685
Large: Wattage	72W		72W		117W		72W		144W		144W		189W	
Efficacy (lm/W)	133		129		67		121		127		125		89	

LIGHT DISTRIBUTION



TM-30METRICS

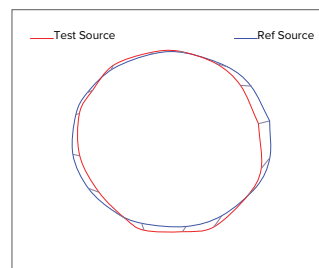
Fidelity Index (Rf): Average similarity to the reference source for all colors

Gamut Index (Rg): Average change in chroma for all colors

	MEDIUM/LARGE
Rf (Fidelity Index)	83
Rg (Gamut Index)	96

COLOR VECTOR GRAPHIC

MEDIUM/LARGE



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TESSSELL (LX-TE)

TYPE:

DRIVER INFORMATION

U1: 0-10V - 10% dimming (110 - 277VAC) (North America only)					
Size	DA/DB/DC/I		DIA/DIB/DIC		COMPLIANCE
	Max Wattage	Max Output	Max Wattage	Max Output	
MEDIUM	94.5W	27-42V	157.5W	27-42V	 
LARGE					

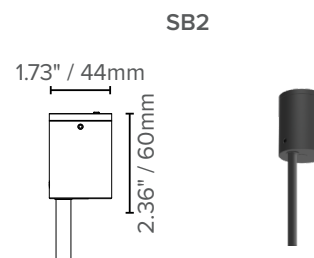
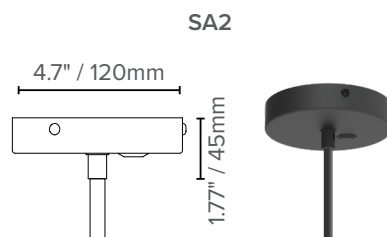
U2: 0-10V - 0.1% dimming (110 - 277VAC) (North America only)					
Product Code	DA/DB/DC/I		DIA/DIB/DIC		COMPLIANCE
	Max Wattage	Max Output	Max Wattage	Max Output	
MEDIUM	90W	2-55V	225W	2-55V	   
LARGE					

G: 0-10V - 10% dimming (220 - 240VAC)					
Product Code	DA/DB/DC/I		DIA/DIB/DIC		COMPLIANCE
	Max Wattage	Max Output	Max Wattage	Max Output	
MEDIUM	111W	15-54V	111W	15-54V	     
LARGE			240W	20-54V	

CANOPY INFORMATION

Please note power cord and canopy will always be supplied in black unless specified otherwise.

SIZE	NORTH AMERICA	GLOBAL
TE-M	SA2	SB2
TE-L	SA2	SB2



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TESSELL (LX-TE)

TYPE:

MATERIAL SPECIFICATIONS

COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3 / ISO 9705: Group 1 / GB8624 B1 / ASTM E-84-14 (Class A, FSI:20 - SDI:450) / BS EN13501-1:2007+A1:2009 (B-s1, d0)
ENVIRONMENTAL:	PET achieves GreenTag Certification / GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m ² K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m ² /hr (7 days)

Please note some of these certificates will apply to specific colors.

PRODUCT ACOUSTIC PROPERTIES

Testing and post analysis procedures were carried out in accordance with the references detailed below:

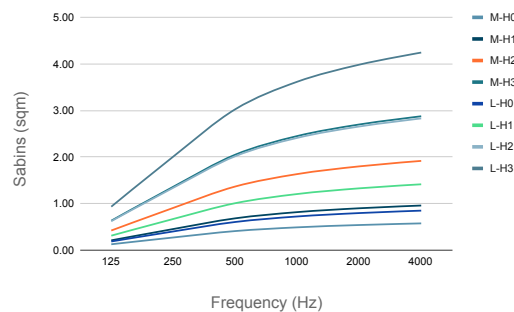
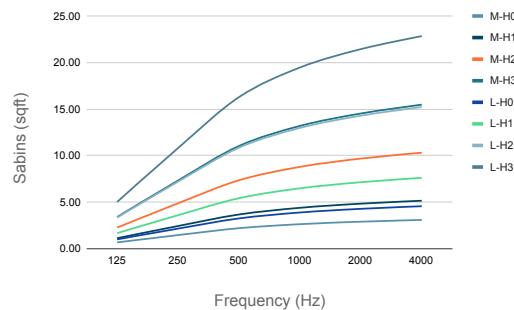
AS ISO 354-2006 (R2016)	Acoustics—Measurement of sound absorption in a reverberation room
AS ISO 11654—2002	Rating of sound absorption—Materials and systems
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests
ISO 20189	Screens, furniture and single objects intended for interior use – Rating of sound absorption and sound reduction of elements based on laboratory measurements.

IMPERIAL SABINS

	MEDIUM				LARGE			
Frequency (Hz)	H0	H1	H2	H3	H0	H1	H2	H3
125	0.68	1.14	2.27	3.41	1.01	1.68	3.35	5.03
250	1.47	2.44	4.89	7.33	2.16	3.61	7.21	10.82
500	2.21	3.68	7.36	11.04	3.26	5.43	10.86	16.29
1000	2.64	4.40	8.79	13.19	3.89	6.49	12.98	19.47
2000	2.91	4.84	9.69	14.53	4.29	7.15	14.29	21.44
4000	3.10	5.16	10.32	15.48	4.57	7.61	15.23	22.84

METRIC SABINS

	MEDIUM				LARGE			
Frequency (Hz)	H0	H1	H2	H3	H0	H1	H2	H3
125	0.13	0.21	0.42	0.63	0.19	0.31	0.62	0.93
250	0.27	0.45	0.91	1.36	0.40	0.67	1.34	2.01
500	0.41	0.68	1.37	2.05	0.61	1.01	2.02	3.03
1000	0.49	0.82	1.63	2.45	0.72	1.21	2.41	3.62
2000	0.54	0.90	1.80	2.70	0.80	1.33	2.66	3.98
4000	0.58	0.96	1.92	2.88	0.85	1.41	2.83	4.24



The Sabin data shown above is in accordance with the latest International Standards for the rating of sound absorption and reduction. This is different from the classic methodology, which includes the calculation of the Noise Reduction Coefficient (NRC), the Sound Absorption Average (SAA), the Weighted Sound Absorption Coefficient (**aw**) and the Sound Absorption Class (SAC). However, to make it easier to compare against other products, we are including that information on the table on the right, which was calculated using the Horizontal Floor Area method. Fully detailed test reports are available upon request.

NRC	1.95
SAA	1.93
aw	1.00
SAC	A

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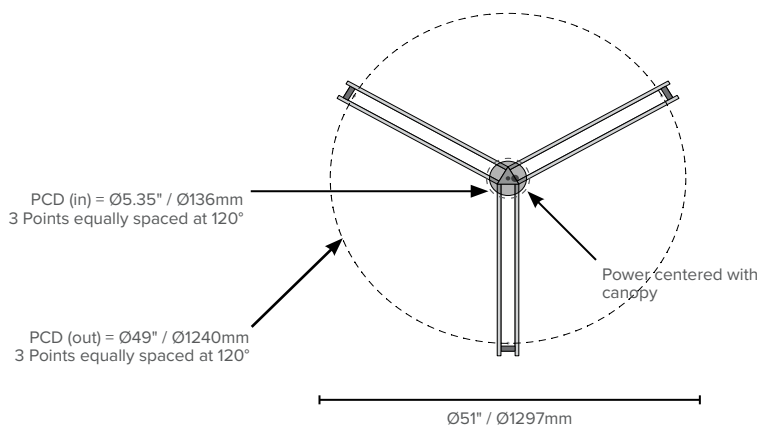


TESSSELL (LX-TE)

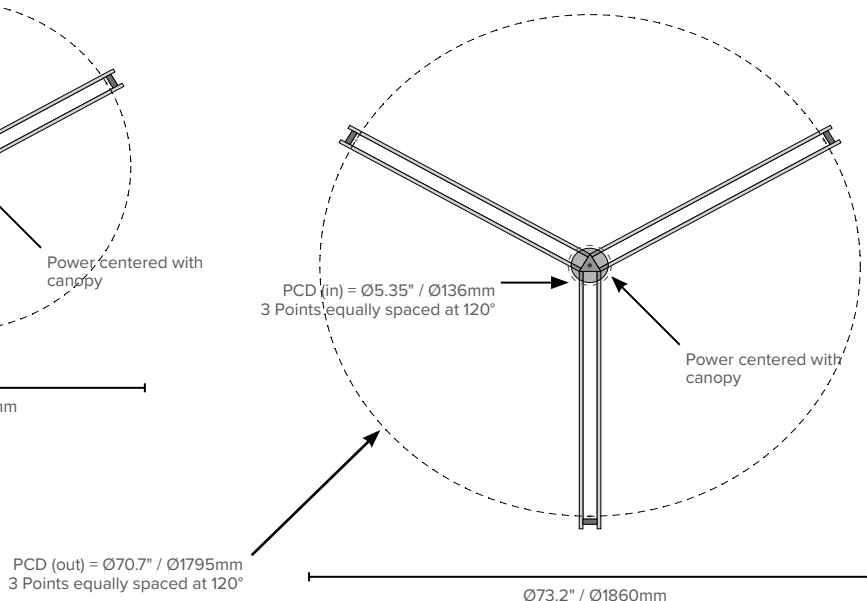
TYPE:

PRODUCT DIMENSIONS

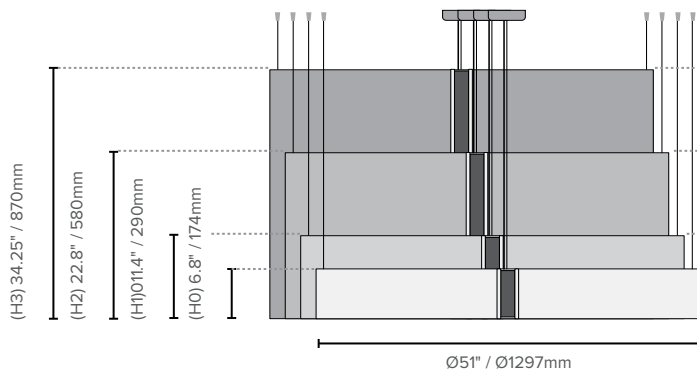
MEDIUM (M)



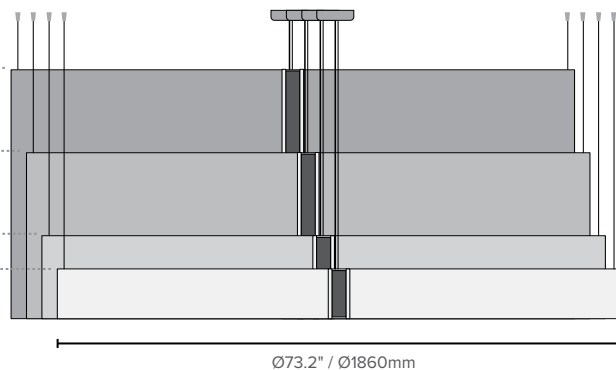
LARGE (L)



MEDIUM (M)



LARGE (L)



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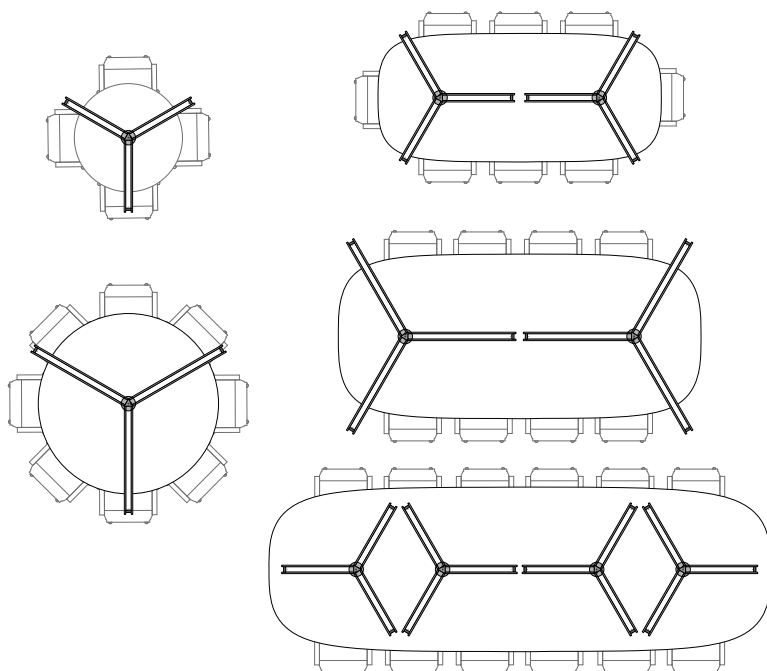


TESSELL (LX-TE)

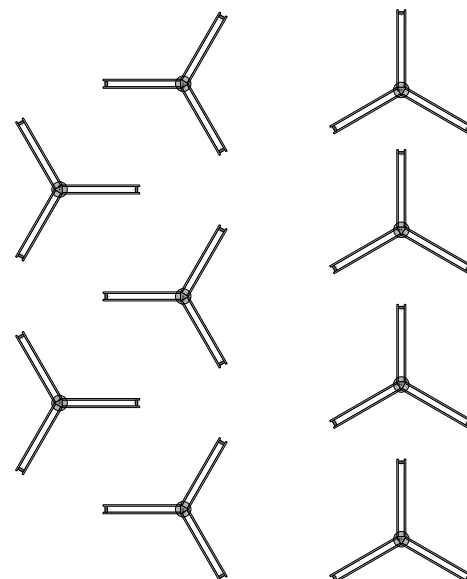
TYPE:

LAYOUT EXAMPLES

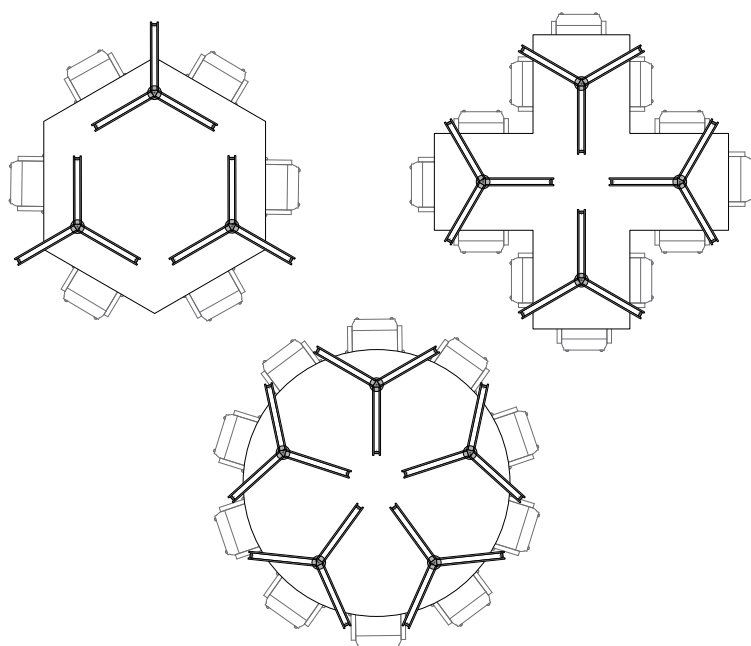
STANDARD MEETING TABLES



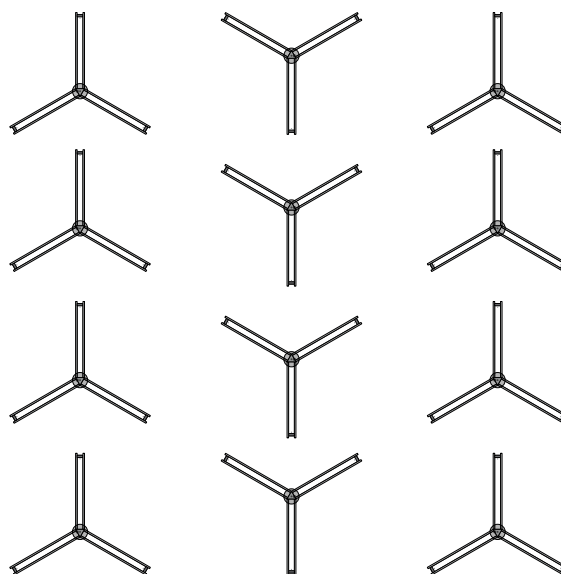
LINEAR LAYOUTS



COLLABORATIVE SPACES



LARGE AREAS



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