



ILLI SPAN (LX-IS)

TYPE: LX-IS-



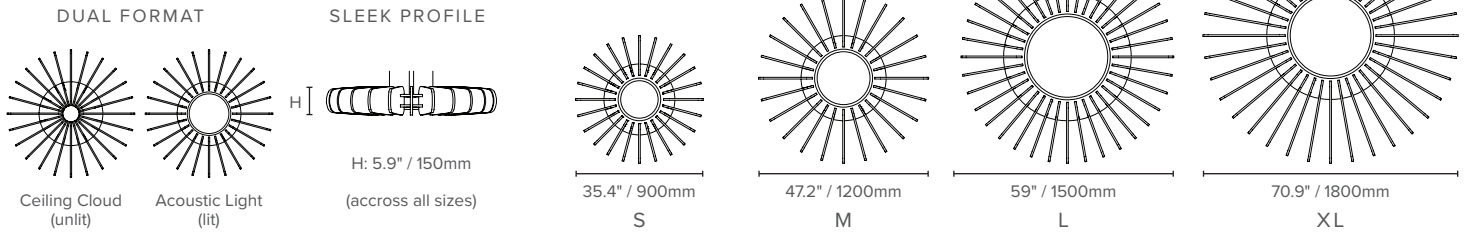
KEY FEATURES

- Available with/without Integrated Lighting
- High-Performance Direct & Indirect Dimmable Output
- Optimized deep-cell geometry for maximum noise absorption
- Low-glare performance with UGR <19
- 4 diameters and a wide range of colors
- Configurable Clusters for Targeted Acoustic Treatment
- IES / LDT photometric files available

OPTIONAL EXTRAS

- Additional options available upon request:
- Integrates with illi & illi Bon
 - White canopy and power cord
 - BABA Certificate Act
 - 2700K available upon demand

SIZE AND OUTPUT



		Delivered Lumen Output			Wattage (W)	Efficacy (lm/W)	CRI	UGR	Beam Angle		CCT
		DOWN	UP	TOTAL					DOWN	UP	
S	DIRECT (D)	1634 lm	-	1634 lm	24	68	90+	<19	113°	-	3000K 3500K 4000K
M	DIRECT (D)	2683 lm	-	2683 lm	26.9	99.7			113°	-	
	DIRECT+INDIRECT (DI)	1266 lm	1503 lm	2769 lm	46.2	59.9			113°	113°	
L / XL	DIRECT (D)	5133 lm	-	5133 lm	48.3	106.3			113°	-	
	DIRECT+INDIRECT (DI)	3492 lm	1653 lm	5145 lm	48.3	106.5			113°	113°	
	DIRECT+INDIRECT HIGH OUTPUT (HO)	5153 lm	2406 lm	7559 lm	72	105.0			113°	113°	

ORDER CODE

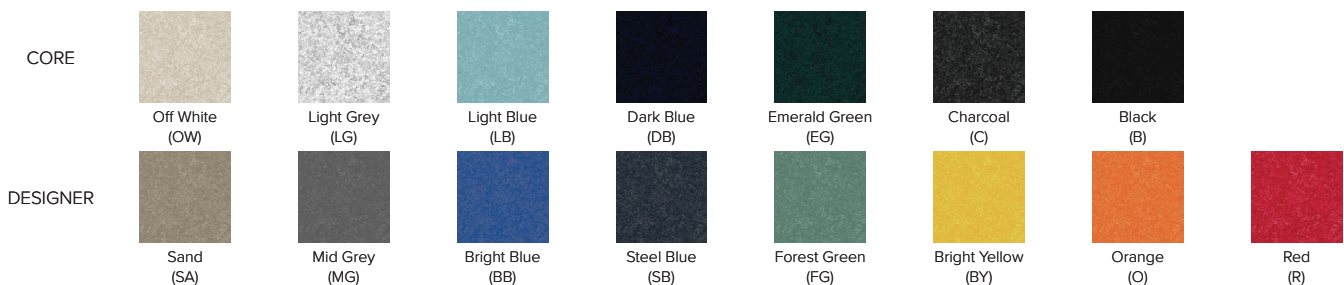
EXAMPLE: LX - IS - M - SA - 40 - G - RD

(Luxxbox illi Span, Size M (Ø47.2" x 5.9" / Ø1200 x 150mm), Sand PET color, 4000K, Global 220-240V 1% dimming DSi/DALI, Remote driver)

PRODUCT CODE	SIZE	COLOR	COLOR TEMP	OUTPUT	REGION / DIMMING	DRIVER TYPE
IS	S	Ø35.4" x 5.9" (Ø900 x 150mm)	Use color codes as shown below	D	UNV 120-277V, 0-10V dimming (North America) G*** 220-240V, 1% DSi/DALI dimming	CD Canopy concealed driver (UNV/North America) RD Remote driver (UNV or G)
	M	Ø47.2" x 5.9" (Ø1200 x 150mm)		DI*		
	L	Ø59" x 5.9" (Ø1500 x 150mm)		HO**		
	XL	Ø70.9" x 5.9" (Ø1800 x 150mm)				
	A	Acoustic Only				

*Direct + Indirect or Indirect output is not currently available for the Small size | **High Output option is only available for size L | ***Global (G) dimming type is available with Remote driver (RD) only

AVAILABLE COLORS



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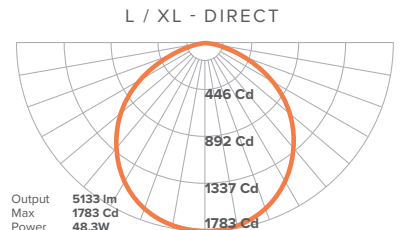
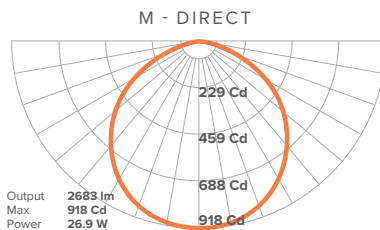
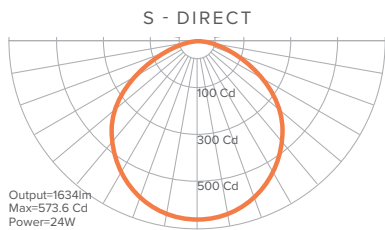
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PHOTOMETRICS

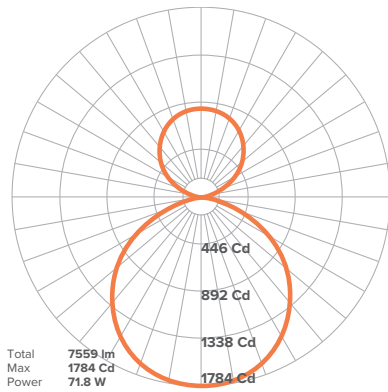
LIGHT SOURCE SPECIFICATIONS

		Delivered Lumen Output			Wattage (W)	Efficacy (lm/W)	CRI	UGR	Beam Angle		CCT
		DOWN	UP	TOTAL					DOWN	UP	
S	DIRECT (D)	1634 lm	-	1634 lm	24	68	90+	<19	113°	-	3000K 3500K 4000K
M	DIRECT (D)	2683 lm	-	2683 lm	26.9	99.7			113°	-	
	DIRECT+INDIRECT (DI)	1266 lm	1503 lm	2769 lm	46.2	59.9			113°	113°	
L / XL	DIRECT (D)	5133 lm	-	5133 lm	48.3	106.3			113°	-	
	DIRECT+INDIRECT (DI)	3492 lm	1653 lm	5145 lm	48.3	106.5			113°	113°	
	DIRECT+INDIRECT HIGH OUTPUT (HO)	5153 lm	2406 lm	7559 lm	72	105.0			113°	113°	

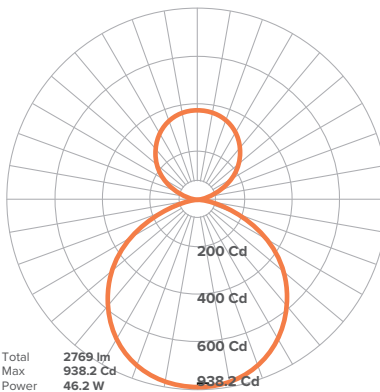
LUMINOUS INTENSITY DISTRIBUTION



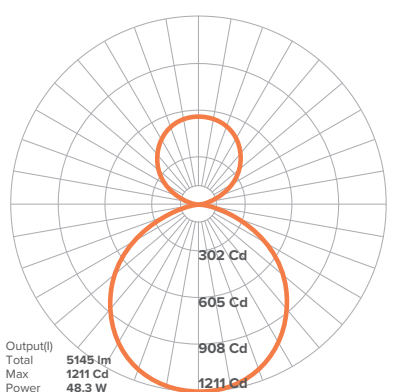
L / XL - DIRECT+INDIRECT HIGH OUTPUT



M - DIRECT+INDIRECT



L / XL - DIRECT+INDIRECT

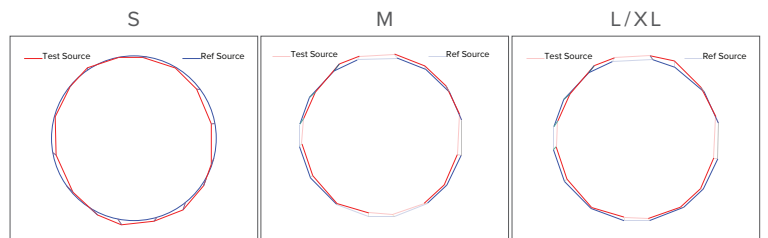


TM-30

Fidelity Index (Rf): Average similarity to the reference source for all colors
Gamut Index (Rg): Average change in chroma for all colors

	S	M	L / XL
Fidelity Index (Rf)	87	89	88
Gamut Index (Rg)	96	99	97

COLOR VECTOR GRAPHIC



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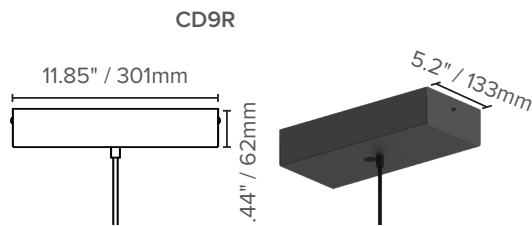
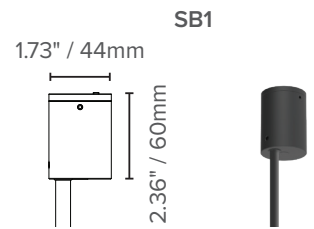
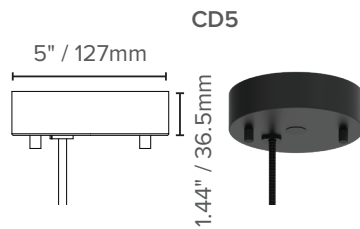
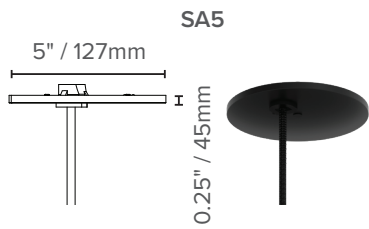
DRIVER INFORMATION

		WATTAGE			MAX VOLTAGE (V)	COMPLIANCE
		DIRECT	DIRECT+INDIRECT	DIRECT+INDIRECT HIGH OUTPUT		
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC <i>(North America)</i>	S	23.8W	-	-	10-55VDC	
	M	26.9W	46.2W	-		
	L / XL	48.3W	48.3W	72W		
GLOBAL (G) 1% DSI DALI dimming 220 - 240VAC	S	23.8W	-	-	6-52V	
	M	26.9W	46.2W	-		
	L / XL	48.3W	48.3W	72W		

CANOPY INFORMATION

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

		UNV (North America)			G	
		RD	CD	E26	RD	E27
S / M	D	SA5	CD5	SA5	SB1	SB1
	DI	SA5	CD5	SA5	SB1	SB1
L / XL	D	SA5	CD5	SA5	SB1	SB1
	DI	SA5	CD5	SA5	SB1	SB1
	DI-HO	SA5	CD9R	SA5	SB1	SB1

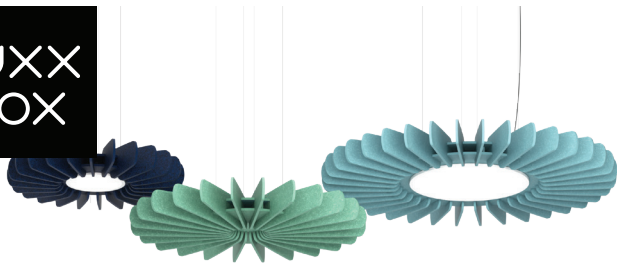


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MATERIAL SPECIFICATIONS

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: 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.

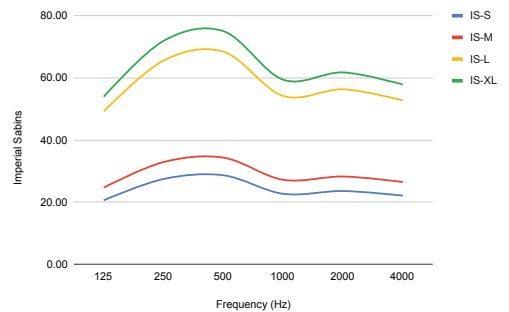
PRODUCT ACOUSTIC PROPERTIES

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.

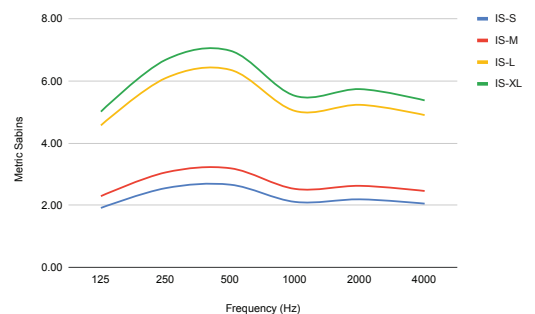
SABINS (FT²)

Frequency (Hz)	Sound Absorption Coefficient	S	M	L	L
125	0.69	20.57	24.66	49.17	53.92
250	0.92	27.43	32.88	65.56	71.89
500	0.96	28.62	34.31	68.41	75.02
1000	0.76	22.66	27.16	54.16	59.39
2000	0.79	23.55	28.23	56.29	61.74
4000	0.74	22.06	26.44	52.73	57.83



SABINS (M²)

Frequency (Hz)	Sound Absorption Coefficient	S	M	L	L
125	0.69	1.91	2.29	4.57	5.01
250	0.92	2.55	3.05	6.09	6.68
500	0.96	2.66	3.19	6.36	6.97
1000	0.76	2.11	2.52	5.03	5.52
2000	0.79	2.19	2.62	5.23	5.74
4000	0.74	2.05	2.46	4.90	5.37



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.

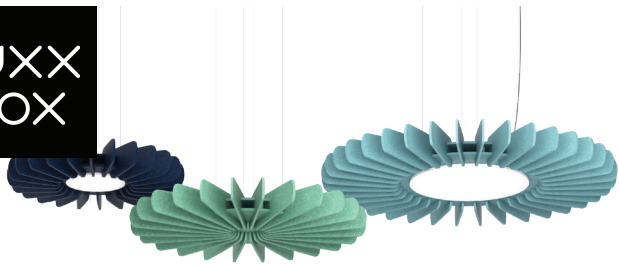
NRC	0.85
SAA	0.83
aw	0.85

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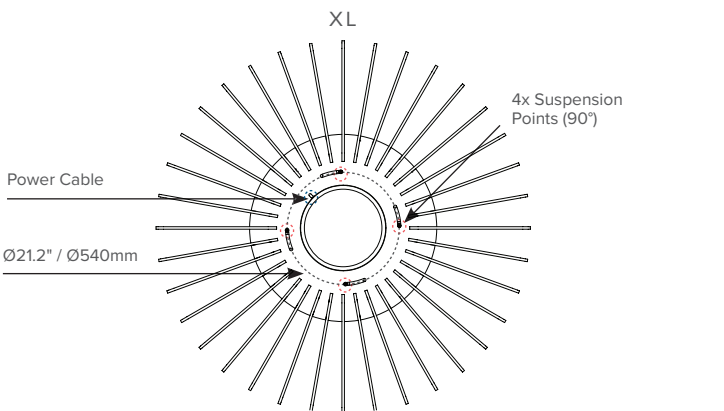
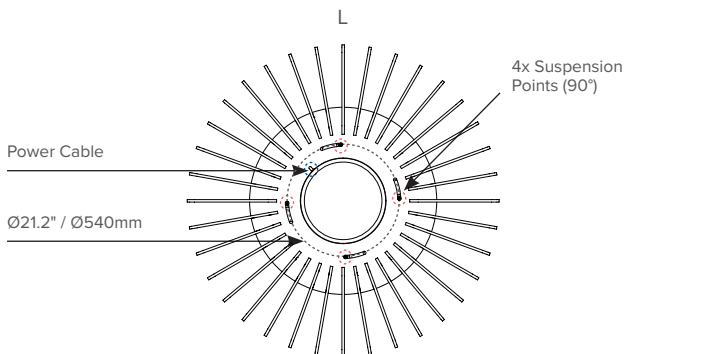
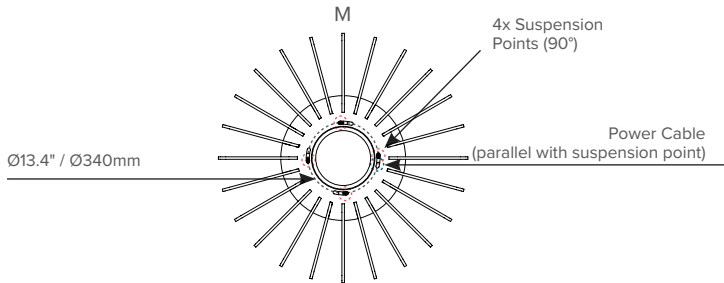
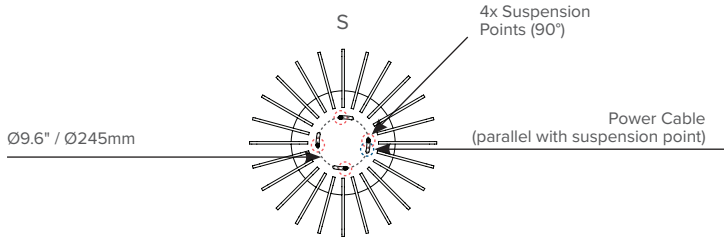


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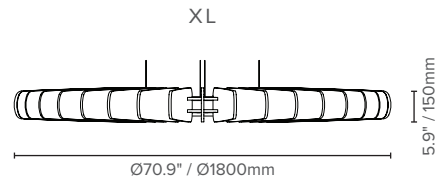
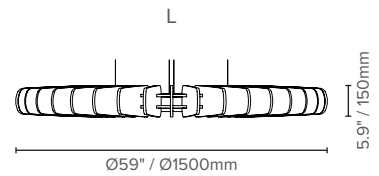
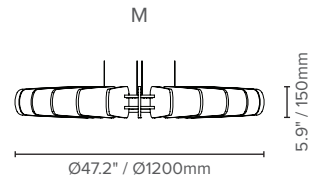
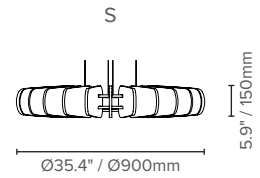
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PRODUCT DIMENSIONS

TOP VIEWS



SIDE VIEWS



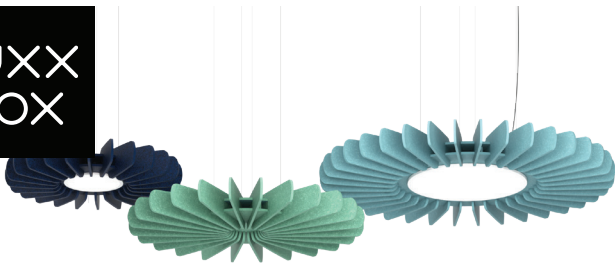
NOTE: The diagrams above illustrate the placement of suspension points and power cables for fixtures in the Direct-Indirect configuration. These locations and overall dimensions remain consistent for both the Direct and Acoustic Configurations.

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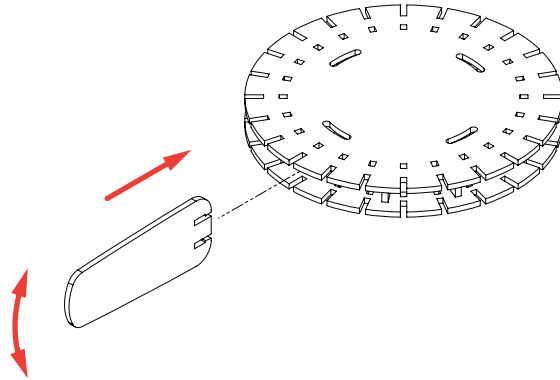
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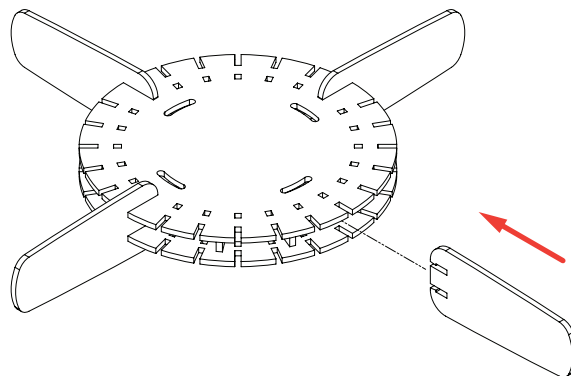


ASSEMBLY GUIDELINES

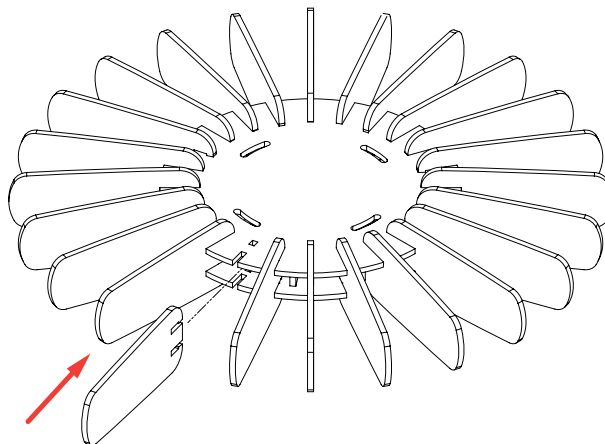
Some of our products require a brief assembly before installation. Please refer to the diagrams and instructions below for this specific product:



1. Start by fixing the first blade. Make sure both top and bottom circular PET mount plates go in the allocated slots on the blade. If needed, gently wiggle the blade up and down so the it's teeth reach their allocated slot. We recommend to place the main body of fixture on a stand so that when the blades are clipped in, they don't touch the table.



2. Fix the opposite blade, and then fix the two blades that are perpendicular to the first and second blades.



3. Finish fixing all the blades to the main body and install the product following the installation manual.

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