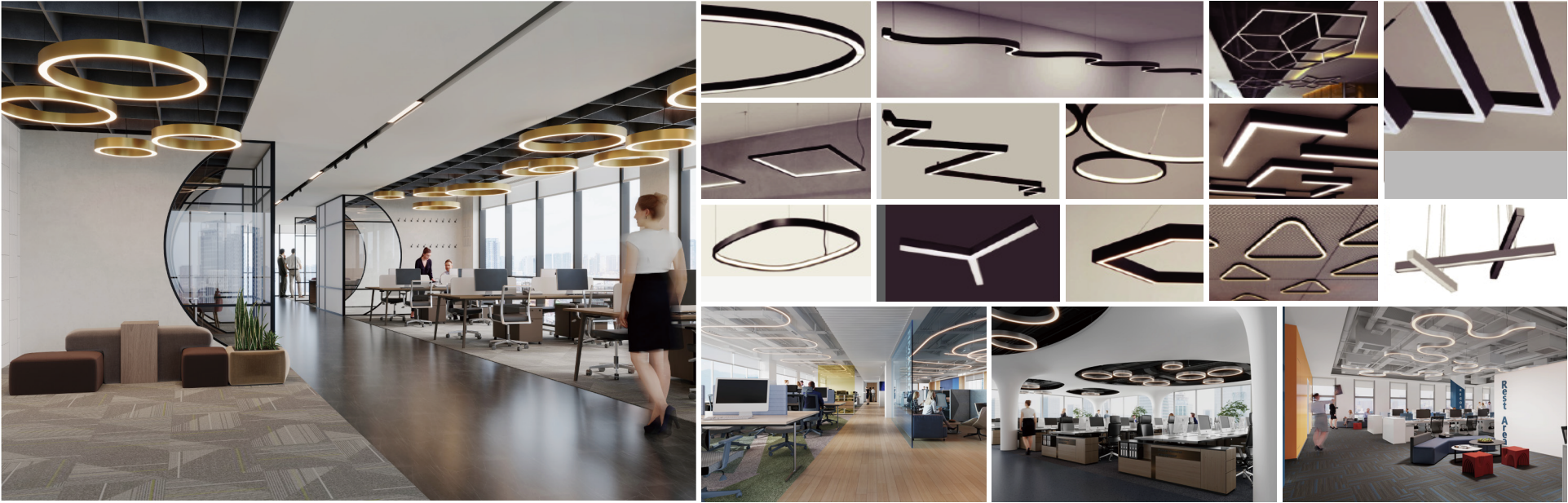


Channels

Project:	Type:	Qty:
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A highly versatile profile series of custom curved and straight shapes that can be curved to almost any radian and with little to no limitation on size.

Can be illuminated from the top, bottom, top & bottom, inner and/or outer side of profile.

A wide range of profile sizes from 1" to 6" (both in width & height).

Pendant, ceiling / wall surface and recessed mounting options.

High lumen packages (up to 150Lm/w).

A full range of CCTs available as well as Full Spectrum Standard finishes in white, black, silver, gold and custom RAL finishes.

Triac/ELV/Phase, 0-10V, DALI, and Tunable dimming options.

Emergency Backup options available.

Built-in or external driver options. Decorative ceiling box can be provided.

Order Code

ORDER CODE EXAMPLE: S-O8-RING-CIR-80"-PD-MP-A-UD-S2-27K-90-U55LMF/D55LMF-2C-D10-WH

SERIES			CHANNEL	SHAPE		DIMENSIONS	CORNER DETAIL		
			Width X Height			Specify radius for half circles			
S-O8	RING	Ring shapes		ARC	ARC (not a full circle)	____" (inches) Diameter OR ____" Radius	LEAVE BLANK IF RING		
				CIR	Circular	____" (inches) Diameter OR ____" Radius			
				ELP	Ellipse	____" (inches) Major Axis X ____" Minor Axis			
				EYE	Ellipse with Angled Corner	____" (inches) Major Axis X ____" Minor Axis			
				OVL	Oval	____" Straight Run X ____" Radius (of each end)			
	POLY	Polygon shapes 3 or more sides		_S	#of Sides <i>Ex.3S =3 sides</i>	____" (inches) X ____" X ____" X ____" etc <i>For irregular polygon shapes, specify the length of each straight run and angle of each corner</i>	#RD ____R	Rounded Corner	Specify the number of radius/angle corners and the radius of each.
	FREE	Free form shapes (complex shapes)		F	<i>Specify radius of all curved sections and lengths of all straight sections. A drawing is required</i>		#AC ____	Angled Corner	Applies to POLY, FREE, MULTI and LINE shapes.
	MULT	Multiple shapes in shapes connected by special corners		IS	Single Shapes	<i>For Shapes in shapes, identify each shape and size Provide drawing or draw on sketch pad</i>	SC¹ ____	Special Corner	Specify the corner code
				CS	Connected Shapes				
	LINE	Linear shapes <i>Also simple linear shapes with curved sections</i>		LN	Linear	____" (inches) X ____"	RE	Rounded Ends	
				LR	Linear with radius sections	____" Straight Run X ____" Radius (of each arc section)			

INSTALLATION			DISTRIBUTION OF LIGHT		LENS	CCT	CRI	LUMENS
Mounting	Mounting Type	Cable/Stem Length						
PD Suspended	CC Center Canopy	A Aircraft Cable	____" (inches)	DN Down Light.	D1 PC Diffused (Opal)	27K	80	____ LmF (DN, UP, IN, OT Options)
	MP Multiple Points	S Rigid Stem		UP Up Light	S2 Soft Diffused ⁴	30K	90	U ____ LMF/D ____ LMF (UD Option)
SF Surface	D Direct Mount S Stem Mount		____" (inches)	IN Inside Light	P1 Micro-prismatic ⁵	35K	95	____ Lm Total Lumens Example: 5000LM for entire fixture
				OT Outside Light	P2 Diffused Prismatic	40K		<i>Since SO8 is highly customizable, the lumen package will be based on the channel size and power supply which ranges from 10w to 720w. For UD and FB, specify desired lumens per side</i>
				UD Up/Down light ²	PDD Drop Diffused Lens <i>Lens drops 1.5" below profile</i>	50K		
RC Recessed				IO Inside/Outside light	T1 Tucked Diffused Lens	RGB		
				FL Frontlit		RGBW		
				BL Backlit		Specify CCT of white chip		
				FB Front & Back Light ³		Tunable Dim to White		
						Consult factory for desired CCT ranges		

CONTROL		DIMMING		FINISH		EM BACKUP	OPTIONS							
For UD, IO, FB options														
1C	1 circuit	D10	0-10V	WH	White	EM	Acoustic Felt options							
2C	2 circuit	ELV	Triac / ELV	BK	Black		Felt Thickness		Light Distribution		Felt Colors		Logo Option	
		DAL	DALI	SV	Silver		AC12	12 mm (Standard)	IN	Inner Lit	BI#	Refer to Felt color Board for color number	LOGO Logo can be laser cut into the felt.	
		DMX	DMX	2T# ⁶	Two Tone Finish		ACO6	6 mm	DN	Direct Down				
		NON	Non Dim	RAL# ⁵	Power Coat RAL #		AC09	9 mm						
				BA# ⁵	Brushed Anodized Finish		AC15	15 mm						
							Special Baffle Option							
							Baffled Options		Cell appearance		Baffle Color			
							B ____	Baffled ⁷ 15°/24°/38°/50° 40°x40°/60°x60°/ 35°x70°	RR	Round look	BK	Black	For baffle and lens combo, consult factory	
									S5	Square look	WH	White		
									OB	Oblong look				

Project:

Type:

Qty:

Channel Part Number

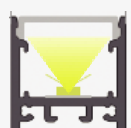
SIZE	Choose Width*	x	Choose Height*
.98"	25		25
1.38"	35		35
1.57"	40		40
1.96"	50		50
2.36"	60		60
3.15"	80		80
3.54"	90		90
3.93"	100		100
4.72"	120		120
5.90"	150		150

*Not all width and height combinations will be available as a standard offering and may require a new mold. A new mold fee will apply. Please inquire with the factory.

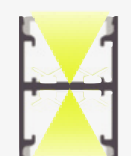
Light Distribution



Down (DN)



UP (UP)



Up / Down (UD)

Height



Width

Specify the preferred width and height. Example: for 1" wide x 2" high, you would use channel p/n 2550. For 3" wide by 1" high, channel p/n is 8025.

The factory will confirm that the selected channel width & height will work with the overall parameters of the project (based on the combinations of shape, direction of light, mounting and total lumen package). In cases where the selected "combinations" do not work, a "next best" option will be offered.

Channels that are 1.6" in height and above, the driver can be integral.

Consult factory for custom sized channels.

For designs where additional flange is desired, specify Extra Flange profile size. Please indicate if the flange will be on the inside of the curve or outside of the curve.

OUTSIDE OF CURVE
=OUT



INSIDE OF CURVE
=IN

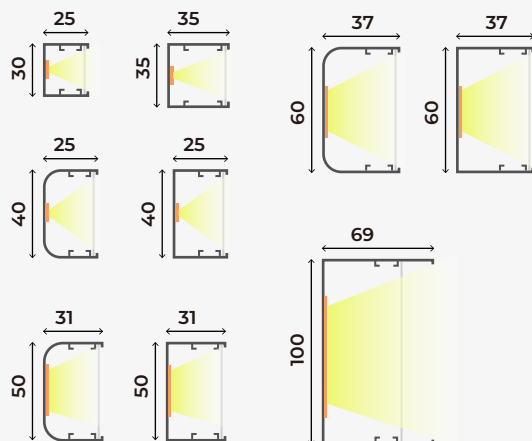


Inside OR Outside Distribution

30x25	35x35
40x25	S40x25
50x31	S50x31
60x37	S60x37
100x60	

Inside AND Outside Distribution

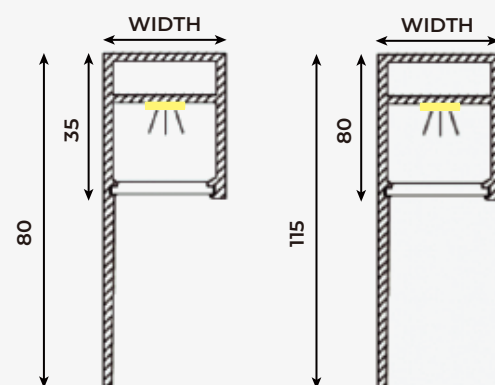
50x50



"XF" Extra Flange Only inside (I) or Outside (O) curve

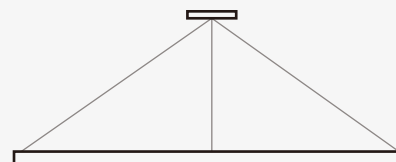
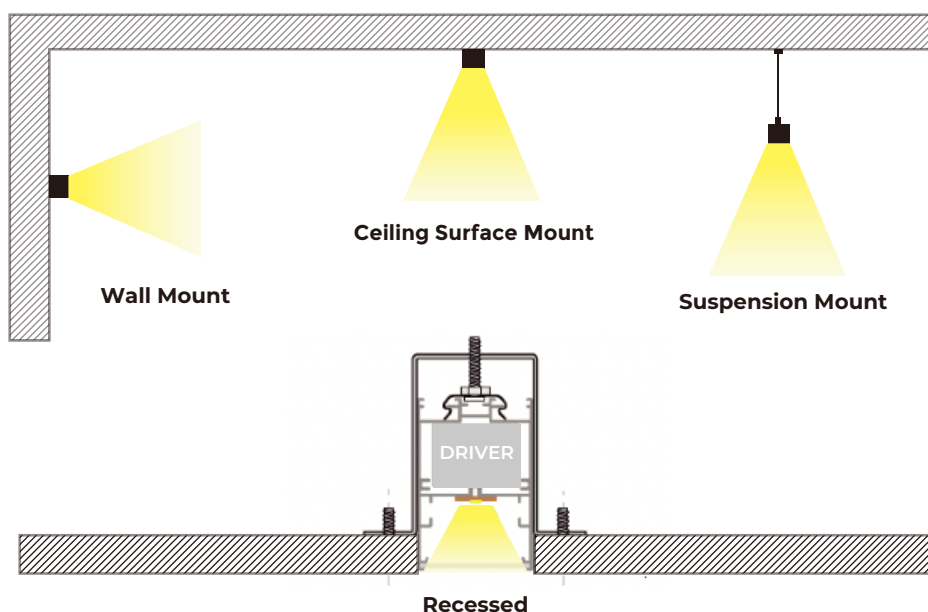
25	80XF
35	115XF
40	
50	
60	
80	

To specify an inside curve use "I" and "O" for outside curve after "XF". Exam-ple, 2580XFI or 25115XFO

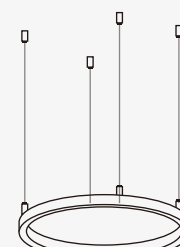


IN/OT Profiles are only offered in these distributions

Mounting Options



Center Canopy



Multiple Point

Center canopy finish can be specified to match the ceiling or profile.

Consult factory for custom canopy sizes and shapes.

Integral or remote driver options available.

All drivers are universal voltage: 120V-277V

Dimmable from 100% - 1% with 0-10V dimming control.

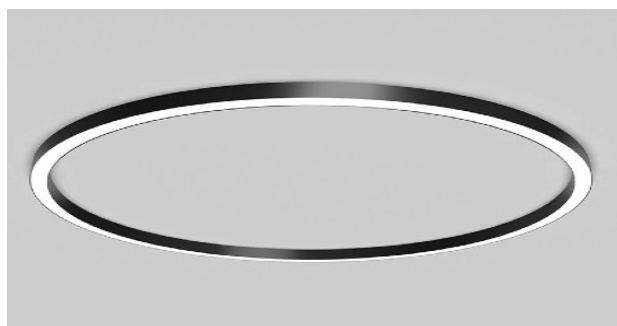
Emergency backup: 1.5hr @ 30% of light output

Project:

Type:

Qty:

RINGS



Circle



Oval



Ellipse



Ring with extra flange



Inside and Outside light



Ellipse with angled corner - EYE

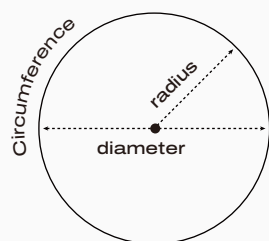


Add a touch of color

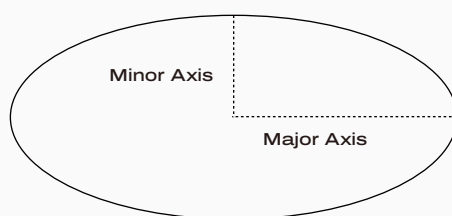


Specify 2-Tone Finish

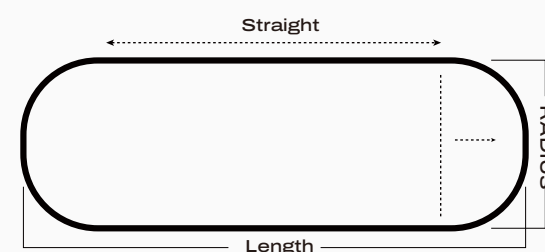
How to measure:



For a full circle, specify the diameter.
For circles that are less than 360, specify the radius.



For an ellipse, specify the minor axis radius and major axis radius.



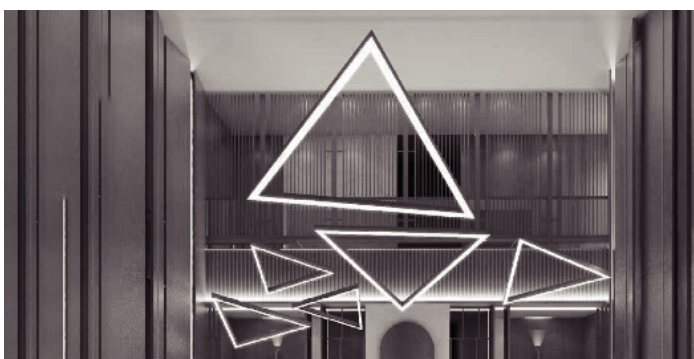
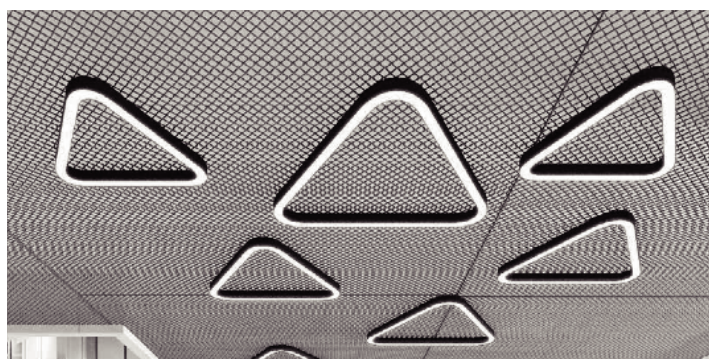
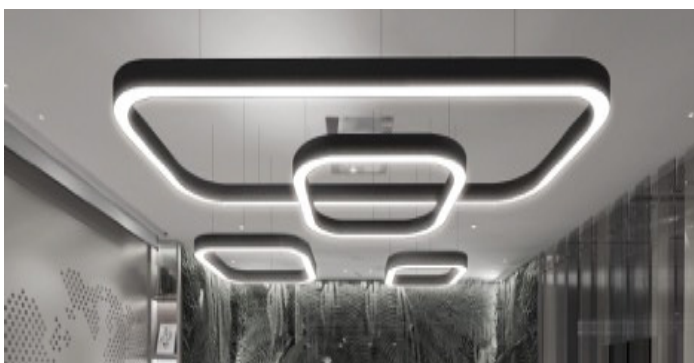
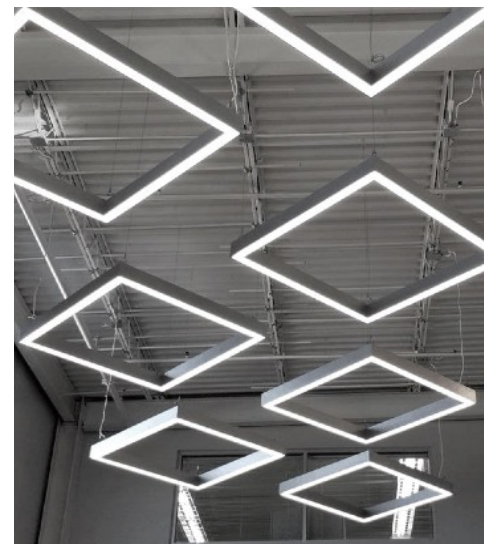
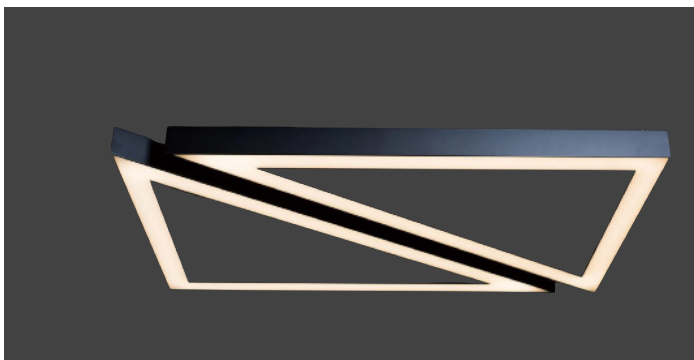
For an oval, specify the straight lengths and the radius of the curved ends.

Project:

Type:

Qty:

POLYGONS

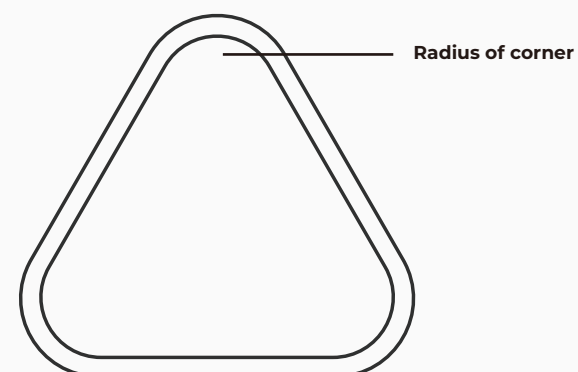
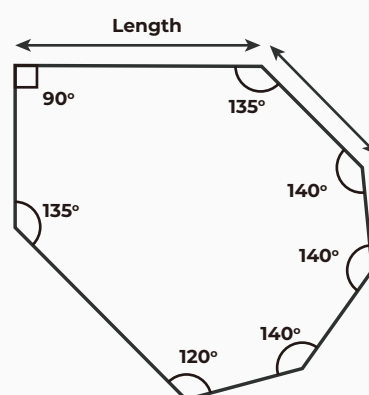


How to measure:

For regular polygon, specify the length of each straight run.

For irregular polygon, specify the radius of all corners and lengths of straight runs.

For polygons with rounded corners, specify the length of the straight runs and radius of the rounded corner



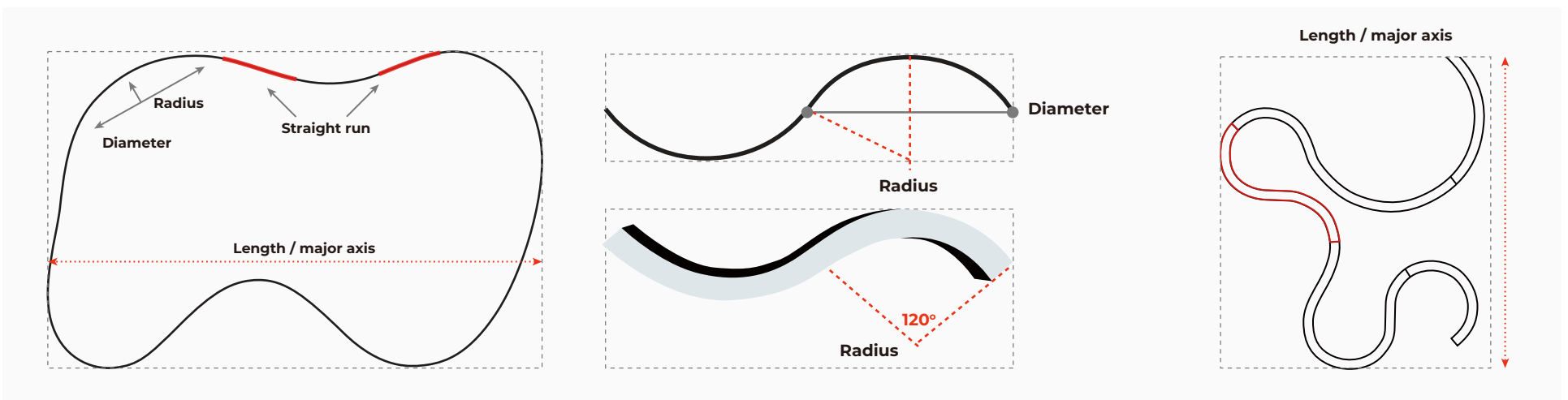
FREE STYLE



How to measure:

Break the shape into segments or common shapes, identify each curved, straight and angled segments by (radius/diameter, length, and/or degree of angle).

A drawing or sketch is required. CAD files appreciated.

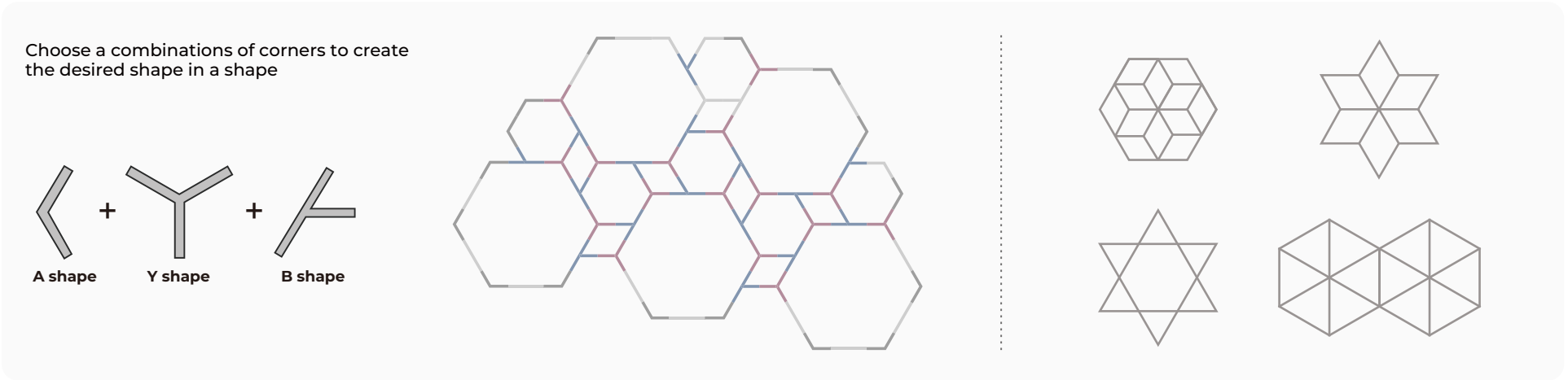
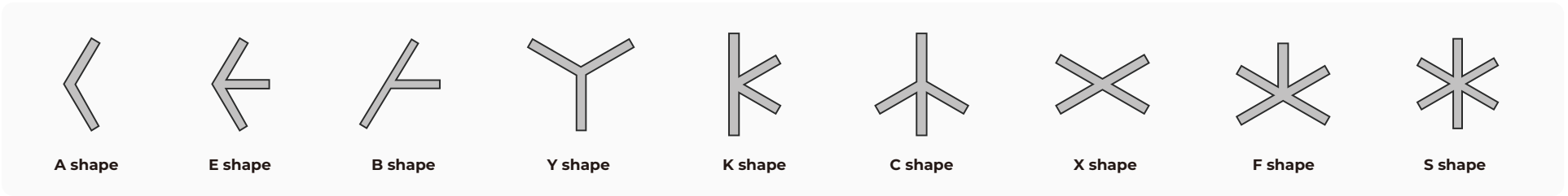


Project:	Type:	Qty:
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MULTI



(Optional) Corner options for creating shapes within shapes that intersect



How to measure:

For connected shapes, specify the corner used to connect each straight run or specify the length of straight run and the angle of each corner.

For shapes in shapes that are not connected, specify each individual shape and size.

For free style shapes in shapes, refer to Free Style on how to measure. If the shapes are connected, please specify each connection point and the degree of the angle and/or radius.

A drawing or sketch is required. A CAD drawing is greatly appreciated.

Project:	Type:	Qty:
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LINE



Rounded Ends

Available profile sizes:

4280

6480

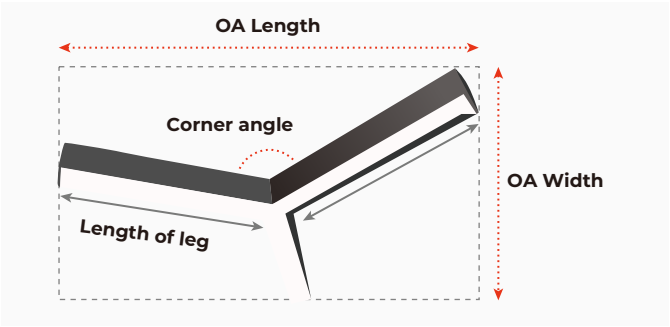
8080

How to measure:

For LINE shapes that will use one of the above shape examples, specify the shape code and the length of each linear leg.

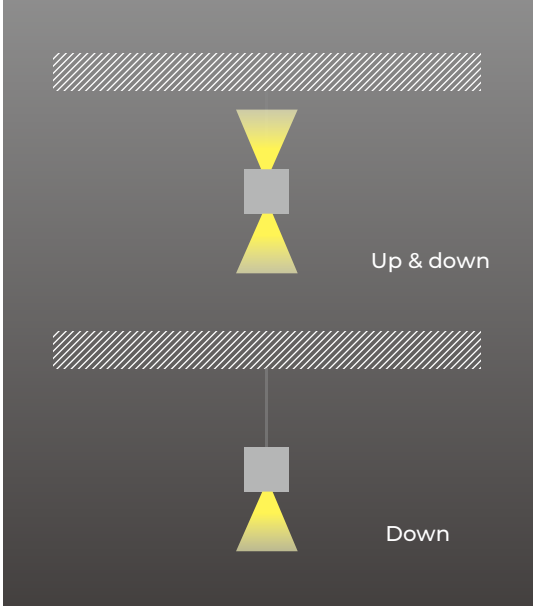
For all other LINE shapes, specify the length of each linear leg and angle of each corner. Specify the overall length and width.

A drawing or sketch will be required.

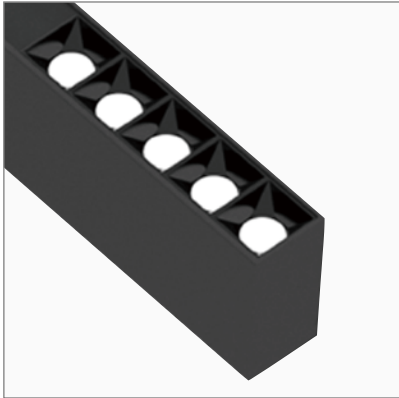


Project:	Type:	Qty:
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BAFFLED



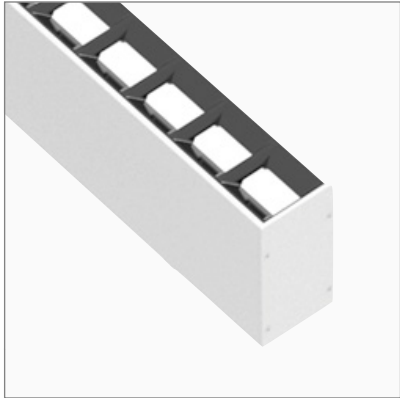
Baffle options



Baffled Round



Baffled Square



Baffled Oblong

Acoustic Options

Project:	Type:	Qty:
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ACOUSTIC MATERIAL

Available thickness: 9–12mm / 0.35”–0.47”

Our acoustic panels are composed of 100% polyethylene terephthalate (PET), with at least 50% sourced from post-consumer recycled content. This material is moisture-resistant, environmentally friendly, and free from added chemicals, binders, adhesives, or dyes.

ACOUSTIC PERFORMANCE

The sound absorption performance of each fixture will vary depending on its installation method, mounting type, and spatial configuration.

Noise Reduction Coefficient (NRC): 0.8

NRC is a standard rating used to measure the sound absorption capability of flat materials. It represents the average sound absorption at the frequencies of 250Hz, 500Hz, 1000Hz, and 2000Hz.

CARE & MAINTENANCE

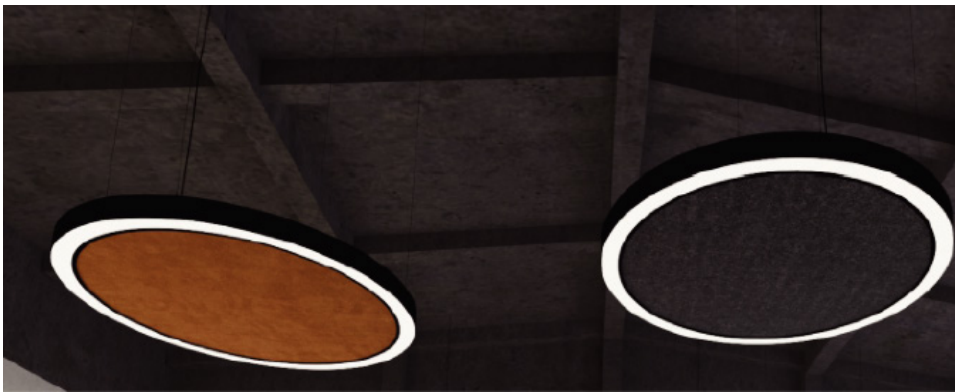
The surface can be cleaned using a soft, lint-free cloth or a vacuum cleaner to remove dust and maintain appearance.

Acoustic Options

Project:

Type:

Qty:



Down Light Distribution



Inside Light Distribution



*Rings are used as an example. Almost all shapes are available with acoustic options

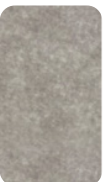
ACOUSTIC BOARD/FELT COLORS



BI-01



BI-02



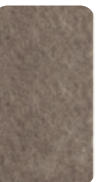
BI-03



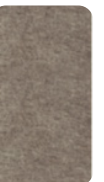
BI-04



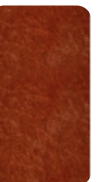
BI-05



BI-06



BI-07



BI-08



BI-09



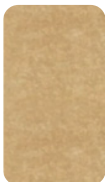
BI-10



BI-11



BI-12



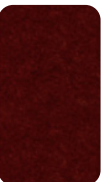
BI-13



BI-14



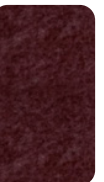
BI-15



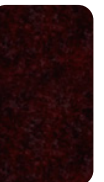
BI-16



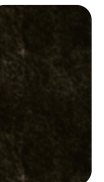
BI-17



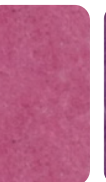
BI-18



BI-19



BI-20



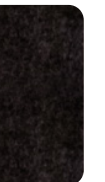
BI-21



BI-22



BI-23



BI-24



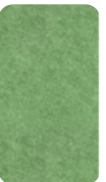
BI-25



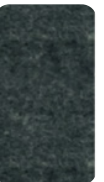
BI-26



BI-27



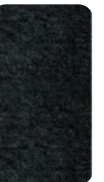
BI-28



BI-29



BI-30



BI-31



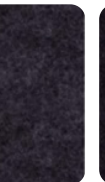
BI-32



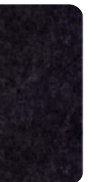
BI-33



BI-34



BI-35



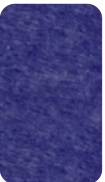
BI-36



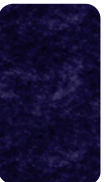
BI-37



BI-38



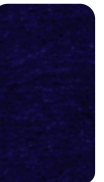
BI-39



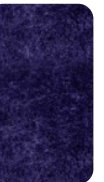
BI-40



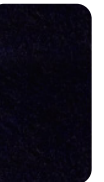
BI-41



BI-42



BI-43



BI-44



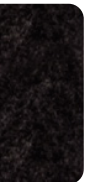
BI-45



BI-46



BI-47



BI-48

Customized Acoustic Board Height



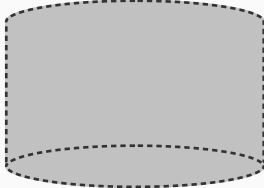
12"



24"



36"



48"

Standard felt thickness is 12mm

F(Hz)	125	250	500	1000	2000	4000
12mm Sound absorption	0.23	0.57	0.75	0.82	0.68	0.62

ASTM-E84/UL723
FSI-30 / SDI-450
Meets Class B requirements

Finish Options

Project:	Type:	Qty:
----------	-------	------

STANDARD POWER COAT FINISH



Matte White



Matte Silver



Matte Black



Black



Aluminum

BRUSHED ANODIZED FINISH

WOOD GRAIN FINISH

All wood grain finishes are subject to availability and some may require an MOQ.



WM-S025



WM-S027



WM-S028



WM-S029



WM-S030



WM-S031



WM-S032



WM-S036



WM-S037



WM-S038



WM-S039



WM-S040



WM-S041



WM-S042



WM-S043



WM-S044



WM-S045



WM-S046



WM-9208



WM-9021



WM-1910



WM-9238



WM-1939

Sketch Pad

Project:	Type:	Qty:
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Use the below sketch pad to sketch out the desired shape.

A drawing or sketch will be required for all non-basic shapes and designs.

The factory will produce drawings for all "sketched" shapes/designs.

