

S~O8

BINA COMPANY



## Profile Series

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).

Power ranging from 10W - 794W.

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.

### SPECIFICATIONS

ORDER CODE (Example): **SO8-FREE-4060-SEE DRAWING-PD-S-MP12"-UD-D1-27K-80-5000LM-D10-RAL9006**

Series	Channel	Shape	Dimensions	Corner Detail
<b>S-O8</b>	Width X Height	<b>RING</b> Ring shapes	Specify radius for half circles ____" (inches) Diameter OR ____" Radius ____" (inches) Diameter OR ____" Radius ____" (inches) Major Axis X ____" Minor Axis ____" Straight Run X ____" Radius (of ea end) ____" (inches) X ____" X ____" etc <i>For irregular polygon shapes, specify the length of each straight run and angle of each corner</i>	<b>EYE</b> Ellipse with Angled Corner  <b>#RC</b> Rounded Corner <b>#AC</b> Angled Corner # = number of rounded or angled corners for both POLY and LINE shapes  <b>SC</b> Special Corner <b>RE</b> Rounded Ends
		<b>POLY</b> Polygon shapes 3 or more sides		
		<b>FREE</b> Free form shapes (complex shapes)		
		<b>MULT</b> Multiple shapes in shapes connected by special corners		
		<b>LINE</b> Linear shapes <i>Also simple linear shapes with curved sections</i>		
		<b>IS</b> Single shapes <b>CS</b> Connected Shapes <b>LN</b> Linear <b>LR</b> Linear with radius sections		

Installation				Distribution of Light		Lens		CCT	CRI	Lumens	
Mounting	Mouting type		Cable/Stem Length								
PD    Suspended	CC	Center Canopy	A	Aircraft Cable	DN	Down Light	D1	PC Diffused (Opal)	27K	80	____ <b>Lm/F</b> Example: 100 = 100 lm/f OR ____ <b>LM</b> Total Lumens    Example: 5000LM <i>for entire fixture</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.  Specify CCT of white chip Dim to White  Consult factory for desired CCT ranges
	MP	Multiple Points	S	Rigid Stm	UP	Up Light	S2	Soft Diffused <sup>4</sup>	30K	90	
					IN	Inside Light	P1	Mico-prismatic <sup>5</sup>	35K	95	
					OT	Outside Light	P2	Diffused Prismatic	40K		
					UD	Up/Down light <sup>2</sup>			50K		
SF    Surface	D	Direct Mount			IO	Inside/Outside light	DPD	Drop Diffused Lens <i>Lens drops 1.5" below profile</i>	RGB		
	S	Stem Mount			FL	Frontlit			RGBW		
RC    Recessed					BL	Backlit	T1	Tucked Diffused Lens	Tunable		
					FB	Front & Back Light <sup>3</sup>					

Control	Dimming	Finish		EM Backup	Options				<sup>1</sup> See spec sheet for special corner <sup>2</sup> Choose lens for each distribution <sup>3</sup> Choose lens for each distribution <sup>4</sup> Only for profiles <50mm (40% Transmittance) <sup>5</sup> Can see lamp image <sup>6</sup> Specify finish code. For two tone finishes, specify inside color and outside color <sup>7</sup> Specify beam option after "B" <sup>8</sup> Specify beam option after "B"
For UD, IQ, FB options					Acoustic Felt Options				
<b>1C</b> 1 circuit	<b>D10</b> 0-10V	<b>WH</b> White	<b>EM</b>	<b>Felt Thickness</b>	<b>Light Distribution</b>	<b>Felt Colors</b>	<b>Logo Option</b>		
<b>2C</b> 2 circuit	<b>ELV</b> Triac / ELV	<b>BK</b> Black		<b>AC12</b> 12mm (Standard)	<b>IN</b> Inner Lit	<b>BI#</b> Refer to Felt Color Board for color number	<b>LOGO</b> Logo can be laser cut into the felt.		
	<b>DAL</b> Dali	<b>SV</b> Silver		<b>AC06</b> 6mm	<b>DN</b> Direct Down				
	<b>DMX</b> DMX	<b>2T#<sup>6</sup></b> Two Tone Finish		<b>AC09</b> 9mm					
	<b>NON</b> Non Dim	<b>RAL#<sup>6</sup></b> Power Coat RAL #		<b>AC15</b> 15mm					
		<b>BA#<sup>6</sup></b> Brushed Anodized Finish			Special Baffle Option				
		<b>SB#<sup>6</sup></b> Sandblasted Anodized Finish		<b>Baffled Options</b>	<b>Cell appearance</b>	<b>Baffle Color</b>	For baffle and lens combo, consult factory		
		<b>MW#<sup>6</sup></b> Wood Grain Finish		<b>B_</b> Baffled <sup>7</sup>	<b>RR</b> Round look	<b>BK</b> Black			
		<b>CSF</b> Custom		15° / 24° / 38° / 50°	<b>SS</b> Square look	<b>WH</b> White			
				40°x40° / 60°x60° / 35°x70°	<b>OB</b> Oblong look				

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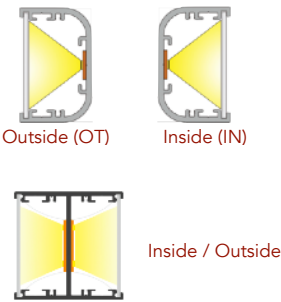
Channels

Channel Part Number			Light Distribution	
SIZE	Width	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 combination will be available as a standard offering and may require a new mold. A new mold fee will apply. Please inquire with the factory.

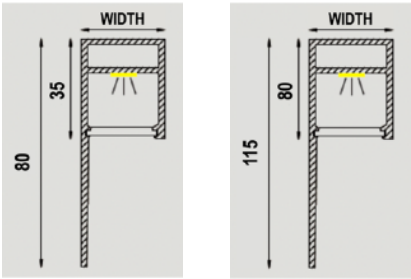
IN/OT Profiles are only offered in these distributions

Inside OR Outside Distribution	
40	25
50	31
60	37
Inside AND Outside Distribution	
50	50



"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".  
Example, 2580XFI or 25115XFO



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.

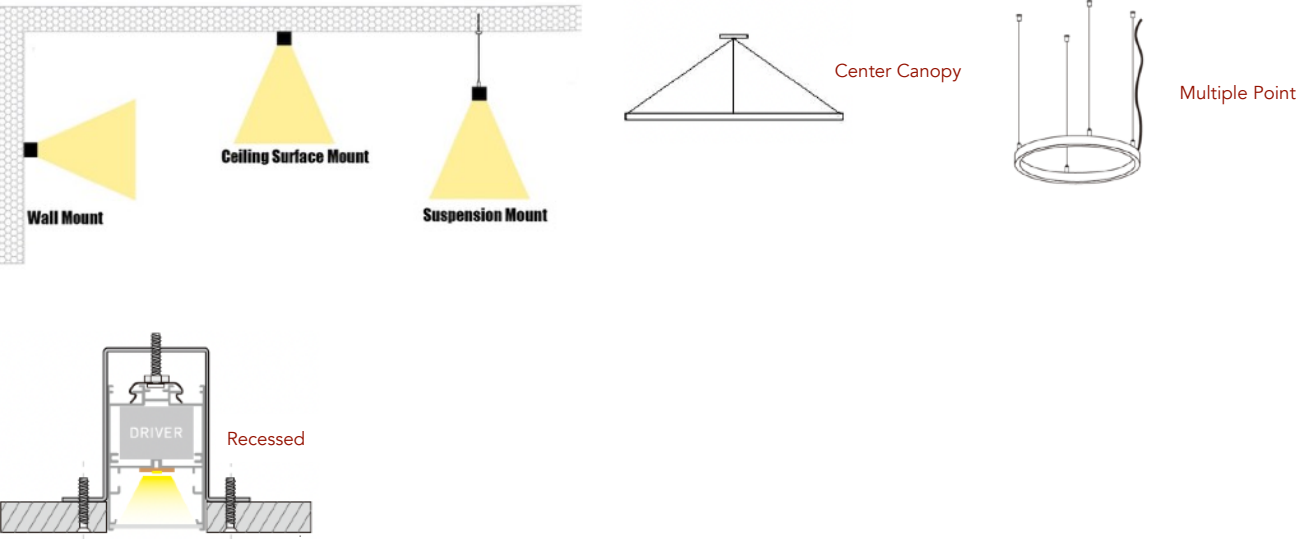
The factory will confirm that the selected channel width & height will work with the overall parameters of the project (based on the combination of shape, direction of light, mounting and total lumen package). In cases where the selected "combinations" do not work, a "next best" option will be offered.

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.

Mounting Options



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:

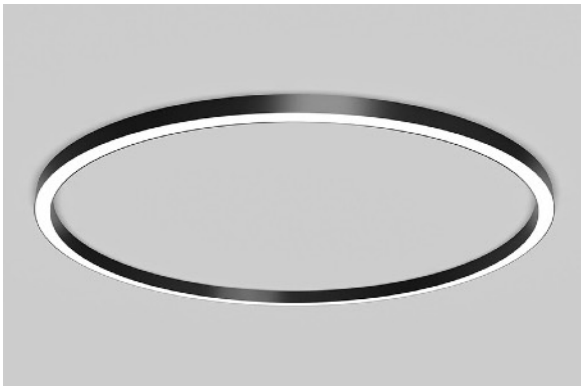
QTY:

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Shapes

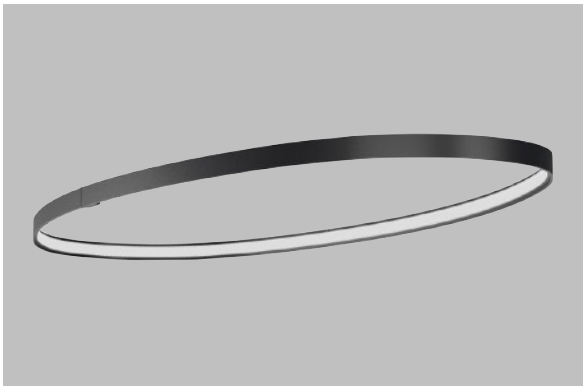
RINGS



Circle

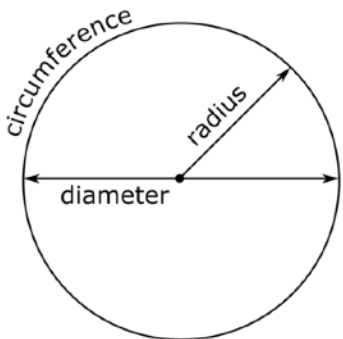


Oval



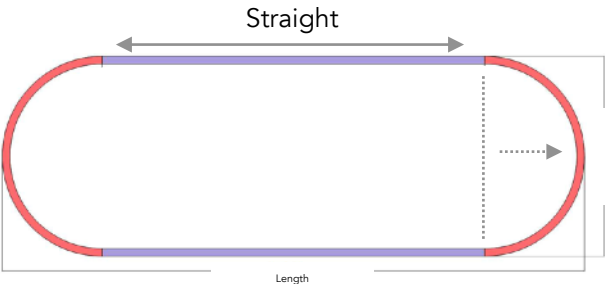
Ellipse

How to measure:



For a full circle, specify the diameter.

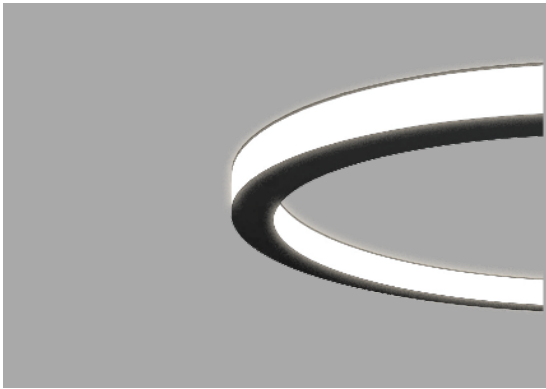
For circles that are less than 360, specify the radius.



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



Ring with extra flange



Inside and Outside light



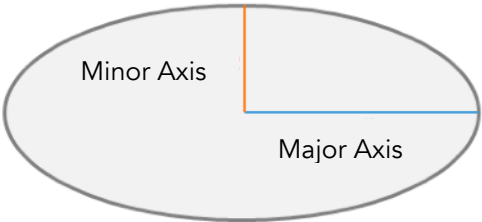
Add a touch of color



Specify 2-Tone Finish



Ellipse with angled corner - EYE



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





PROJECT:

TYPE:

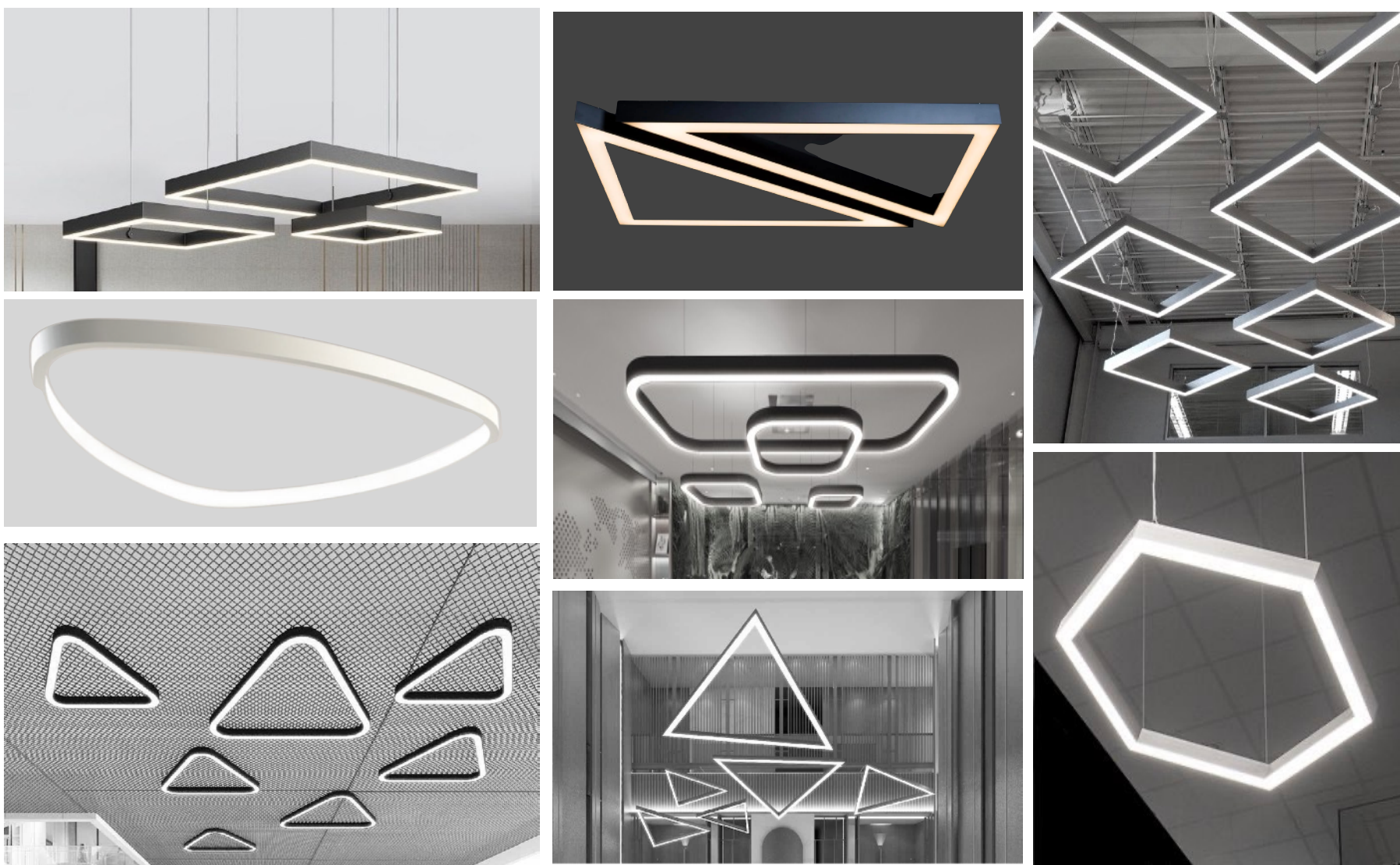
QTY:

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## Shapes

## POLYGONS

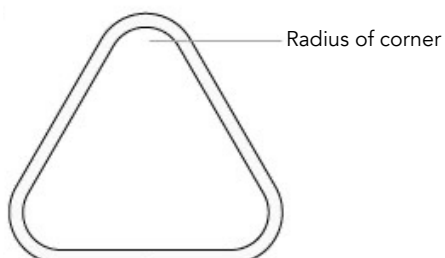
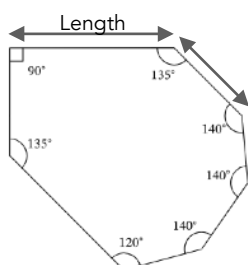


How to measure:

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



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In an effort to offer the best product possible, we reserve the right to change, without notice, specification or material of the product.





PROJECT:

TYPE:

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Shapes

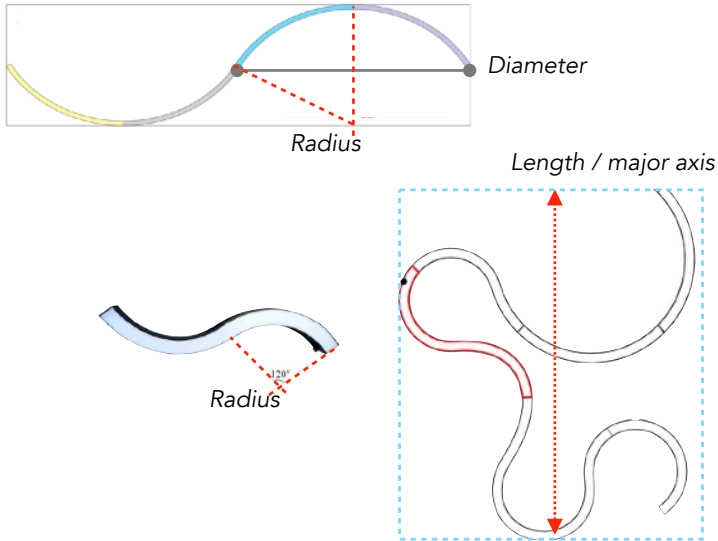
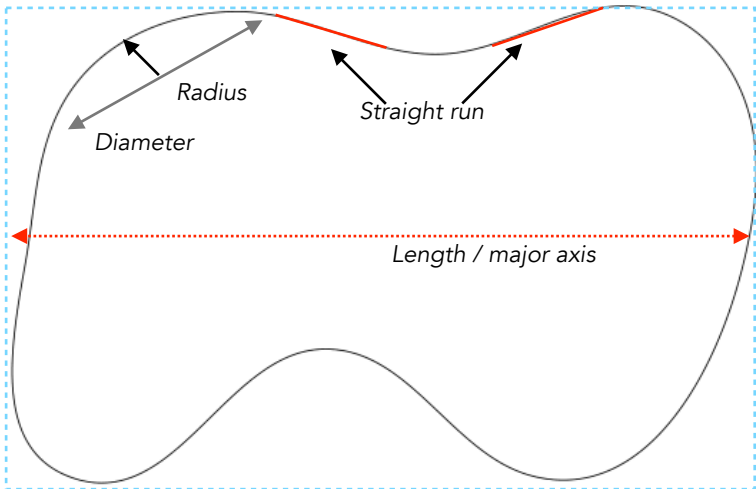
FREE STYLE



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:

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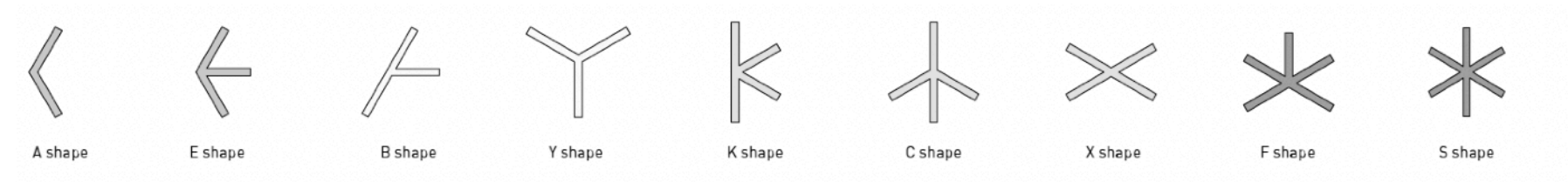
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Shapes

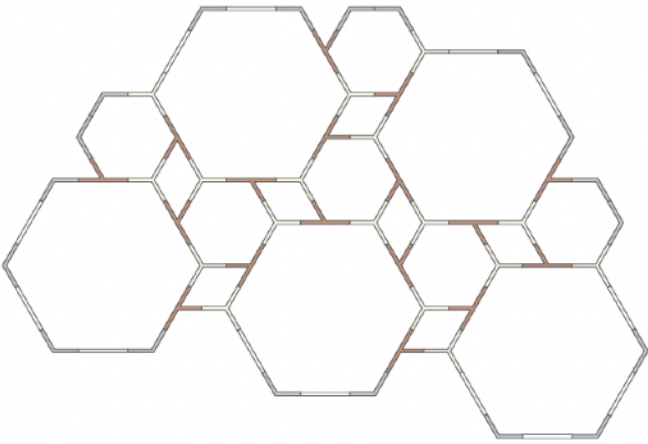
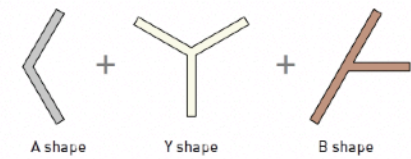
MULTI



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



Choose a combination of corners to create the desired shape in a shape



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:

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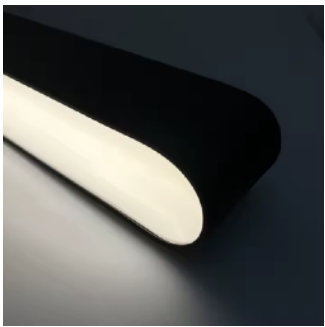
QTY:

S~O8



Shapes

LINE



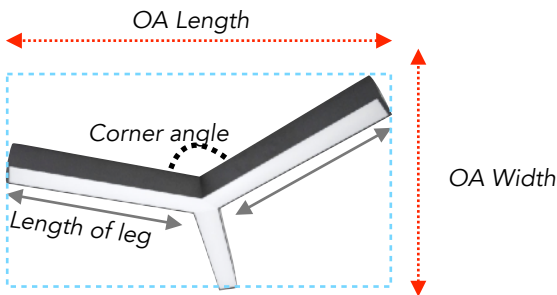
Rounded Ends  
Available profile sizes: 4280, 6480, 8080

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:

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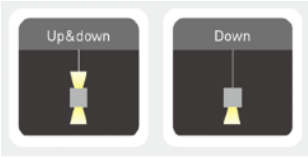
QTY:

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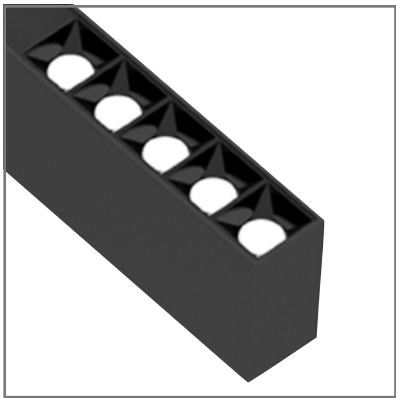
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Shapes

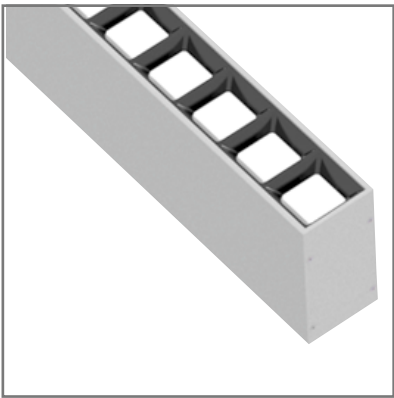
Baffled



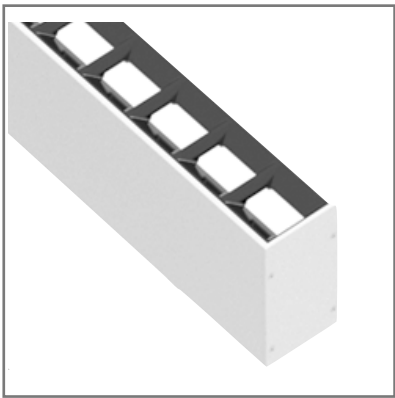
Baffle options



Baffled Round



Baffled Square



Baffled Oblong

PROJECT:

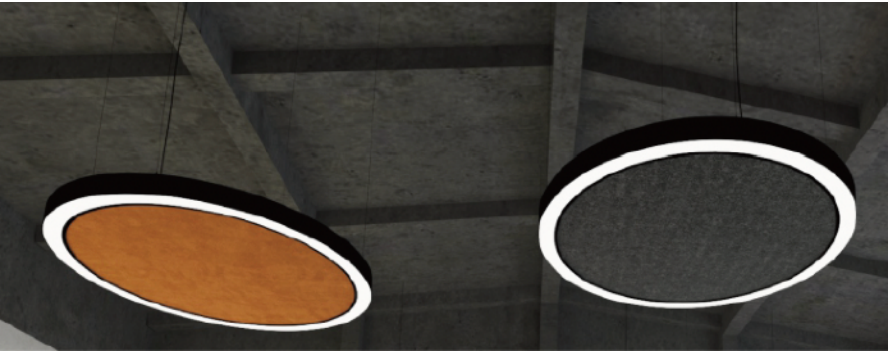
TYPE:

QTY:

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Acoustic Options



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

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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
12 mm 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





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Finish Options

Standard Power Coat Finish



Matte White



Matte Silver



Matte Black

Brushed Anodized Finish



Black



Aluminum

Wood Grain Finish

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



MW-S025



MW-S027



MW-S028



MW-S029



MW-S030



MW-S031



MW-S032



MW-S036



MW-S037



MW-S038



MW-S039



MW-S040



MW-S041



MW-S042



MW-S043



MW-S044



MW-S045



MW-S046



MW-9208



MW-9201



MW-1910



MW-9238



MW-1939





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Sketch Pad

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.

A large rectangular grid of light blue lines on a white background, intended for sketching a design. The grid is composed of 20 columns and 20 rows of squares.