



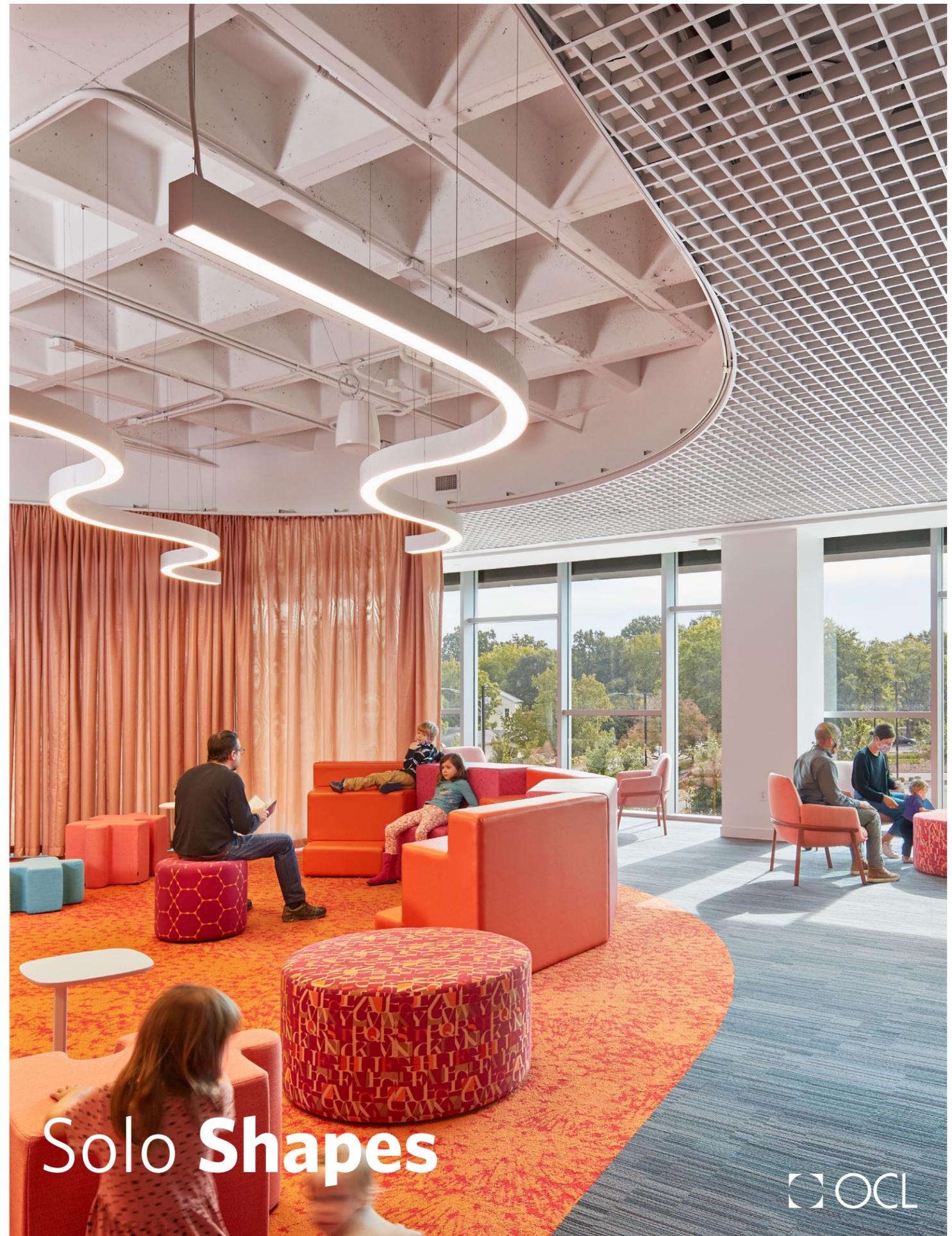
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Detailed specification information available at ocl.com

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A brand of  **legrand**

REV 05/24



Solo Shapes





Solo Shapes

Preconfigured or Custom Pendant/Ceiling

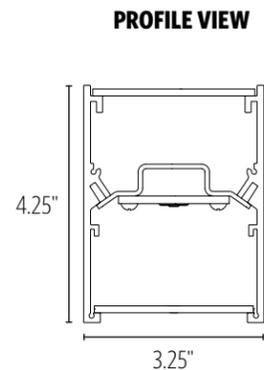
Shapeshifting architecture beyond the standard with preconfigured or custom user-configured luminaires using our popular and versatile Solo luminaire profile



BEFORE YOU START: HERE ARE A FEW THINGS TO KNOW

We Minimize Seams

Our team does its best to minimize or nearly eliminate seams, both in appearance and in number. The maximum linear length per body section until a seam is needed is 96". Seam placement may vary depending on the shape and size of the fixture.



Standard or Custom Lumen & Wattage Output

We offer two standard lumen packages that match our Solo round standard fixture. You can find the wattage and lumens delivered in the chart to the right. We can also deliver custom lumen packages. Reach out to us and we'll work with you.

LUMENS & WATTAGE CHART		PER FOOT
LED1	LUMENS DELIVERED	800
	SYSTEM WATTAGE	10
LED2	LUMENS DELIVERED	1000
	SYSTEM WATTAGE	13

CUSTOM LUMEN PACKAGES AVAILABLE

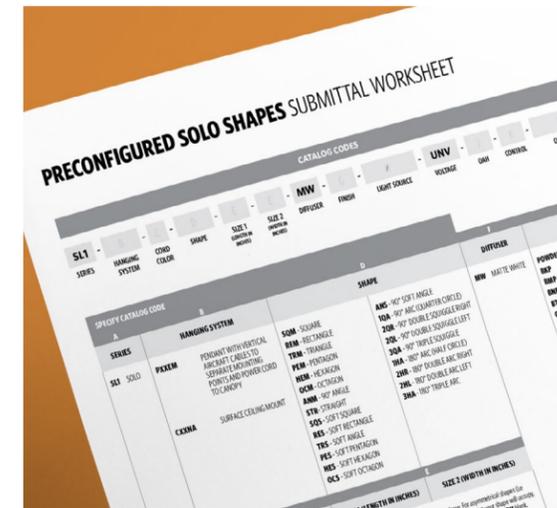
Cables, Cords & Power

Linear lengths less than or equal to 36" will have 2 cable points (one at each seam or endpoint). Length greater than 36" will have 3 cable points (one at each seam and one in the middle of a seam) A power cord is placed approximately every 10'. You'll get a chance to review these placements on your drawing.

Possibilities

This spec guide is just that... a guide. If you have an out-of-the-box idea that goes beyond what this guide allows for, let's chat and see what we can make happen!

THE HOW TO: LET'S WALK THROUGH IT



How To Submit Your Solo Shapes Configuration

OPTION 1: START HERE

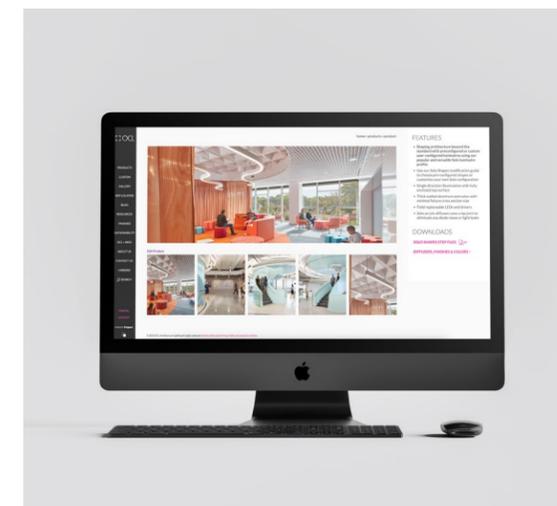
Choose your shape on the Preconfigured Submittal page and add your overall specs.

We'll do the heavy lifting and provide you with a drawing and/or quote for review and final approval.



OPTION 2: OR START HERE

Create your design on the Configuration Matrix on **Page 8**. Plug your spec - including your total linear inches - into the submittal worksheet, fire it off to OCL-Quotes@ocl.com, and **some bit of sorcery occurs**. Then we'll send a quote and drawing back to you to review.



OPTION 3: OR EVEN HERE

Head to our product page and use our downloadable STEP files to build your own custom fixture. Save the CAD assembly as a DXF or STEP (or another drawing style) file and **send it to OCL for review** at OCL-Quotes@ocl.com.

A QUICK NOTE: Our STEP files cover many, but not all possibilities for configuration. If you run into a challenge just reach out to us for help, or note it in your file.

STRAIGHTS & MITERED CORNERS



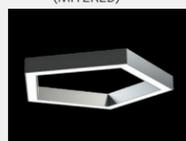
SQM - SQUARE (MITERED)



REM - RECTANGLE (MITERED)



TRM - EQUILATERAL TRIANGLE (MITERED)



PEM - PENTAGON (MITERED)



HEM - HEXAGON (MITERED)



OCM - OCTAGON (MITERED)



ANM - 90° ANGLE (MITERED)



STR - STRAIGHT

SOFT CORNERS



SQS - SQUARE (SOFT)



RES - RECTANGLE (SOFT)



TRS - EQUILATERAL TRIANGLE (SOFT)



PES - PENTAGON (SOFT)



HES - HEXAGON (SOFT)



OCS - OCTAGON (SOFT)



ANS - 90° ANGLE (SOFT)

A QUICK NOTE:
all soft corner shapes will have a 12" outside radius unless specified.

CURVES, SQUIGGLES, & ELLIPSES



1QA - 90° ARC (QUARTER CIRCLE)



2QR - 90° DOUBLE SQUIGGLE RIGHT (SHOWN)
2QL - 90° DOUBLE SQUIGGLE LEFT



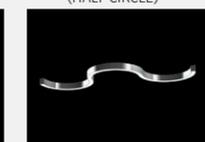
3QA - 90° TRIPLE SQUIGGLE



1HA - 180° ARC (HALF CIRCLE)



2HR - 180° DOUBLE ARC RIGHT (SHOWN)
2HL - 180° DOUBLE ARC LEFT



3HA - 180° TRIPLE ARC



ELP - ELLIPSE



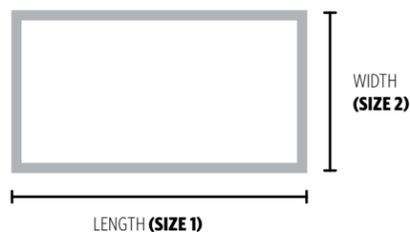
RCT - RACETRACK

THE HOW TO: CALCULATING THE SIZE OF YOUR FIXTURE

Here are some Guidelines. You can put away the tape measure. Here's a little visual guide to help you calculate and spec the size of your fixture in the Preconfigured Submittal Worksheet. Squares, rectangles, angles, racetracks and ellipses will require two dimensions (**SIZE 1** & **SIZE 2**). Straights, angles, squiggles & arcs, and polygons will only require one dimension (**SIZE 1**). **NOTE:** diagrams are shown in a top-down plan view.

SQUARES, RECTANGLES, ANGLES & RACETRACK

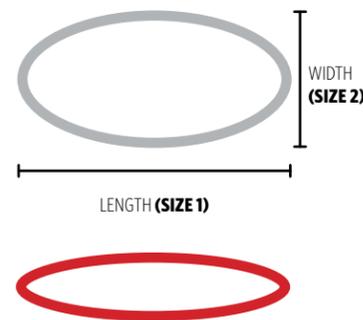
List your length (**SIZE 1**) and width (**SIZE 2**)



ELLIPSES

An ellipse is a bit trickier when it comes to dimensions. If the short side is too short, the extrusion can't be rolled to accommodate the radius.

See chart to the right for guidelines on sizing.



NOTE: Ellipses with tight turns on the short side like this example above are not possible. If you have questions about your dimensions, reach out to us.

ELLIPSE SIZE GUIDELINES	
LENGTH IN INCHES (SIZE 1)	MINIMUM WIDTH IN INCHES (SIZE 2)
60	43
72	47
84	51
96	54
108	58
120	61
132	64
144	66
156	69
168	72
180	74
192	77
204	79
216	81
228	83
240	85

STRAIGHTS, ARCS, & SQUIGGLES

List your overall length (**SIZE 1**). For arcs and squiggles, width will be determined by your length and shown in your approval drawing.



TRIANGLES, PENTAGONS, HEXAGONS & OCTAGONS

List your length or diameter in (**SIZE 1**) as shown below See the dotted square bounding box for visual reference of your desired footprint.



PROJECT NAME: _____ TYPE: _____

QTY: _____

PRECONFIGURED SOLO SHAPES SUBMITTAL WORKSHEET

CATALOG CODES

SL1S	B	C	D	E	E	MW	G	1/1	UNV	J	K	L
SERIES	HANGING SYSTEM	CORD COLOR	SHAPE	SIZE 1 (LENGTH OR DIAMETER IN INCHES)	SIZE 2 (WIDTH IN INCHES)	DIFFUSER	FINISH	LIGHT SOURCE	VOLTAGE	OAH	CONTROL	OPTIONS

SPECIFY CATALOG CODE

A	B	D	F	G
SERIES	HANGING SYSTEM	SHAPE	DIFFUSER	FINISH
SL1S SOLO	PIEM PENDANT WITH VERTICAL AIRCRAFT CABLES TO SEPARATE MOUNTING POINTS AND POWER CORD TO CANOPY CINA SURFACE CEILING MOUNT	SQM SQUARE (MITERED) REM RECTANGLE (MITERED) TRM TRIANGLE (MITERED) PEM PENTAGON (MITERED) HEM HEXAGON (MITERED) OCM OCTAGON (MITERED) ANM 90° ANGLE (MITERED) STR STRAIGHT SQS SQUARE (SOFT) RES RECTANGLE (SOFT) TRS TRIANGLE (SOFT) PES PENTAGON (SOFT) HES HEXAGON (SOFT) OCS OCTAGON (SOFT)	MW MATTE WHITE	POWDER COAT FINISHES BKP BLACK BMP BRASS METALLIC BNP BRONZE BTP BLACK TEXTURED GRP GRAPHITE GLP GOLDTASTIC MWP MATTE WHITE SGP STEEL GRAY SMP SILVER METALLIC SWP SKY WHITE WTP WHITE TEXTURED PREMIUM METAL FINISHES BAL BRUSHED ALUMINUM CUSTOM FINISHES RAL _____ OTHER _____
		ANS 90° ANGLE (SOFT) 1QA 90° ARC (QUARTER CIRCLE) 2QR 90° DOUBLE SQUIGGLE RIGHT 2QL 90° DOUBLE SQUIGGLE LEFT 3QA 90° TRIPLE SQUIGGLE 1HA 180° ARC (HALF CIRCLE) 2HR 180° DOUBLE ARC RIGHT 2HL 180° DOUBLE ARC LEFT 3HA 180° TRIPLE ARC RCT RACETRACK ELP ELLIPSE	SIZE 1 (LENGTH OR DIAMETER IN INCHES) SIZE 2 (WIDTH IN INCHES)	Indicate LENGTH/DIAMETER x WIDTH for your chosen shape. Squares, rectangles, angles, racetracks and ellipses will require two dimensions (SIZE 1 & SIZE 2). Straights, angles, squiggles & arcs, and polygons will only require one dimension (SIZE 1). See Page 6 for more details on calculating your fixture size.
C		E		
CORD COLOR		SIZE 1 (LENGTH OR DIAMETER IN INCHES)	SIZE 2 (WIDTH IN INCHES)	
B BLACK POWER CORD W WHITE POWER CORD				

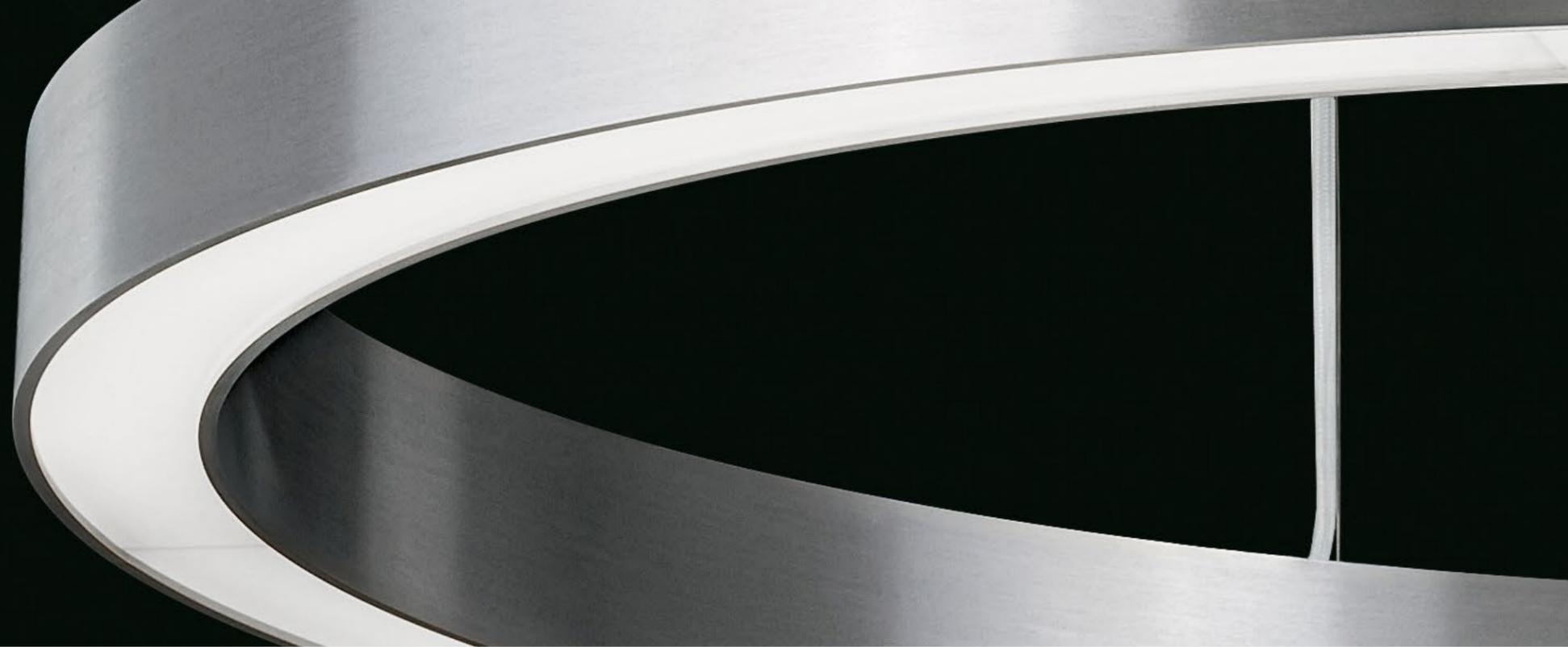
H	I	J	K	L
LIGHT SOURCE	VOLTAGE	OAH*	CONTROL	OPTIONS
LED OUTPUT LED1 LED2	COLOR TEMP (80+ CRI) 27K 30K 35K 40K	COLOR TEMP (90+ CRI) 927K 930K 935K 940K	UNV 120-277 48 100 144 NOTE: LEAVE BLANK WITH CINA	DM1 0-10V DIMMING 1% ULD DAMP LABEL BIOS BIOS SKYBLUE™ OR BIOS SKYBLUE™ DYNAMIC LIGHT ENGINE** MOD MODIFIED LUMINAIRE (CONTACT LOCAL REP)

SAMPLE CODE: SL1S-PXXEMW-SQM-36/48-MW-WTP-LED1/35K-UNV-100-DM1

*For Minimum OAH, see hanging systems details. PIEM will ship with one of three standard OAH's (48", 100" or 144") field adjustable to the desired height. Note our minimum OAH is 8".

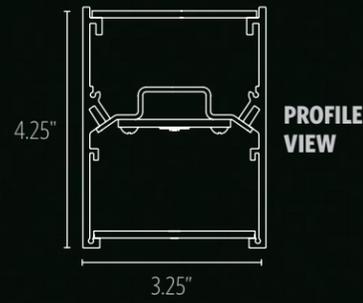
MODS, NOTES, & COMMENTS



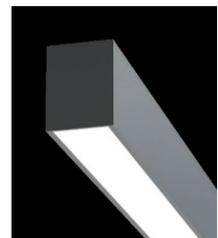


About our Solo Profile

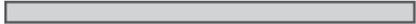
Our Solo profile features a thick-walled aluminum extrusion and a minimal fixture cross section size with single direction illumination and a fully enclosed top surface. It utilizes LEDs and integral drivers that are easily field-replaceable. Our acrylic diffuser uses a lap joint to eliminate any diode views or light leaks.



CUSTOM SOLO SHAPES ALL THE PARTS & PIECES (FOR OPTIONS 2 & 3)



STRAIGHT LENGTHS

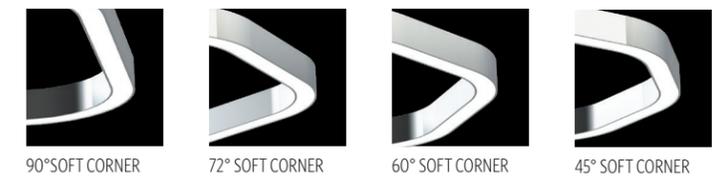
	
6" STRAIGHT	54" STRAIGHT
	
12" STRAIGHT	60" STRAIGHT
	
18" STRAIGHT	66" STRAIGHT
	
24" STRAIGHT	72" STRAIGHT
	
30" STRAIGHT	78" STRAIGHT
	
36" STRAIGHT	84" STRAIGHT
	
42" STRAIGHT	90" STRAIGHT
	
48" STRAIGHT	96" STRAIGHT

NOTE: For linear lengths greater than 36in, 3 cable points (one at each seam and one in the middle of a seam); For linear lengths Less than or equal to 36in, 2 cable points (one at each seam).

SQUARE & RECTANGLES



SOFT SQUARES & RECTANGLES



A QUICK NOTE:
Our corners are fully welded with no visible seams.

CURVES & ELLIPSES

