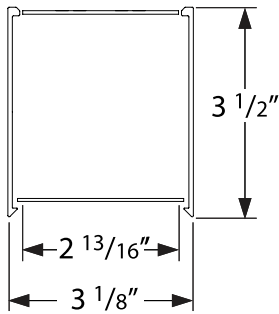
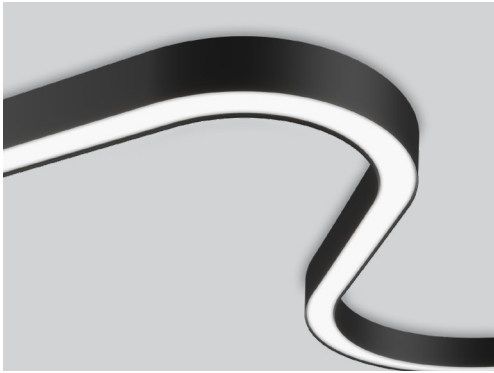


# Sketch 3

## SURFACE - IP54



Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

### ● PERFORMANCE PER LINEAR FOOT AT 3500K, 90CRI

	NOMINAL LUMEN OUTPUT DIRECT	INPUT WATTS*	EFFICACY
Sketch 3	1300lm/ft	11.18 W/ft	116 lm/W

Please consult factory for other lumen output and wattage.

RADIUS	
<b>R12</b>	12 inch radius
<b>R24</b>	24 inch radius
<b>R30</b>	30 inch radius
<b>R48</b>	48 inch radius
<b>R60</b>	60 inch radius
<b>R72</b>	72 inch radius
<b>R84</b>	84 inch radius
<b>R(XX")</b>	any radius above 12"

Sketch 3 is designed to accommodate any curve radius over 12 inches. Pattern drawing is required. Factory is available for assistance.

### Ordering Guide

**Example: SK3SS-FF(100100\*)-AL(7'8")-1000-90-35-SO-BLK-120-DP-1-S**

\*Project reference number provided by Axis



SK3SS		PATTERNS AND FORMS		TOTAL LENGTH		LUMENS/FT	
PRODUCT ID		FF(#)		AL(X'XX")		300	1300
SK3SS	Sketch 3 Surface Sealed - IP54 rated	FF(#)	free form pattern (project reference #)**	AL(X'XX")	specify total linear length in feet (2 ft minimum)	300	1300
		SSQ(L, R)	soft square (length, radius)*				
		SR (LxL, R)	soft rectangle (length x width, radius)*				
		OV(LxL)	oval (length x width)				
		CIR(R)	circle (radius)				
		ARC(R, Deg.)	arc (radius, degrees)				
		LIN(L)	linear (length)				
See page 3 for ordering examples. * 2 foot minimum straight sections. **Please provide pattern drawing, and specify project reference number. Factory is available for assistance. Various 2, 3 and 4 leg fully lit intersections and regular lit corners (min 45 degrees) available.						Outputs between listed are available. Consult factory for outputs outside of the listed range.	

CRI	COLOUR TEMP.	SHIELDING	FINISH	VOLTAGE	DRIVER
90 high efficacy	27 2700 K	SO spotless lens	AP aluminum paint	120 120V	DP dimming (0-10V) 1% - integral
90 CRI	30 3000 K		W white	277 277V	DALI2 integral driver DALI 2.0 Type 6 - integral
	35 3500 K		BLK black	UNV universal	LT(#) Lutron - remote*
	40 4000 K		C custom	347 347V*	O(#) other - remote**
	TW2750 2700-5000 K - Tunable White			DC low voltage**	TW(#) tunable white drivers - remote*
	TW2765 2700-6500 K - Tunable White				POE(#) POE drivers - remote*
				* Remote only. ** Only available with POE drivers.	* Specify system; see page 3. **Please consult factory; see page 3

CIRCUITS		MOUNTING		BATTERY (OPT.)		CUSTOM (OPT.)	
1	1 circuit	S	surface drywall ceiling	BR(#)	battery pack remote	C	custom
2	2 circuits	SC	surface solid ceiling	B(#)	battery pack integral*		
+E(#)	emergency circuit *						
+GTD(#)	generator transfer device **						
* Specify quantity. ** Remote only.				*4 foot length minimum and 36" radius minimum		Please specify	

### CONSTRUCTION

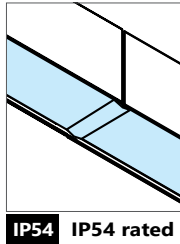
<b>Housing</b>	Extruded aluminum (0.075" nominal)
<b>Interior reflectors</b>	Sheet aluminum (20 gauge)
<b>Mounting brkts.</b>	Die cast aluminum (0.10" nominal)
<b>Joining brackets.</b>	Die cast aluminum (0.10" nominal)
<b>Incap &amp; Cross Brkt.</b>	Die cast aluminum (0.10" nominal)

### SHEILDING

<b>Spotless Lens</b>	Acrylic (0.06" thick).
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### IP54 SYSTEM

System runs are comprised of a combination of sections to be assembled on site using our joining system which includes a clear silicone gasket for almost seamless construction for IP54 rating.



### FINISH

Highly reflective, white powder coat finish paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior. Custom finishes are also available.

### ELECTRICAL

<b>DP driver</b>	integral DP driver. 0-10V 1% dimming standard.
<b>DALI2 driver</b>	integral DALI driver. DALI 2.0 D4i certified driver.
<b>Lutron driver* (Remote)</b>	LDE1 - EcoSystem H-Series (1%)
<b>Other drivers* (Remote)</b>	DMX - Digital Multiplex Xitanium SR - For wireless sensor *Consult factory
<b>Tunable White TW drivers* (Remote)</b>	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 ( One DALI Address) DPTW - two channel 0-10V dimming: one channel for brightness, one channel for CCT. LDTW - Lutron DALI Type 8 (One DALI address) Tunable White series
<b>Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for remote driver</b>	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
<b>Emergency*</b>	Remote emergency battery pack or emergency circuit optional. *Consult factory
<b>Input Voltage</b>	120V, 277V, 347V, UNV, DC.

**i** Incorporating these components may have limitations or effect the length of the luminaire, please contact factory for more details.


### LED SYSTEM

<b>CRI</b>	High efficacy 90 color rendering index.
<b>CCT Single Color</b>	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>CCT Axitune Systems</b>	<a href="#">Consult Axitune technical sheet for more information on color technology.</a>
<b>Thermal Management</b>	Aluminum housing acting as the heat sink to maximize life.
<b>Environment</b>	Outdoor under canopy, indoor healthcare and wipe down IP54 rated

### WEIGHT

Approximately 1.75lbs/ft = 0.8kg/ft (linear)

### APPROVALS

Certified to CSA standards   
Meets NYC requirements  
Suitable for outdoor under canopy, indoor healthcare and wipe down IP54 rated. .

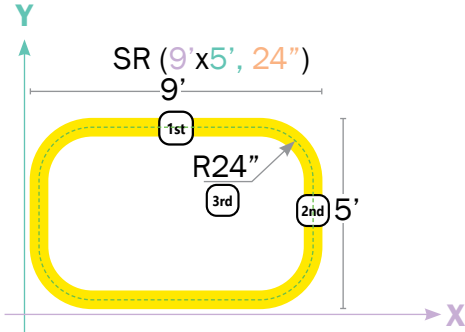
### WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

## How to Specify Standard Forms

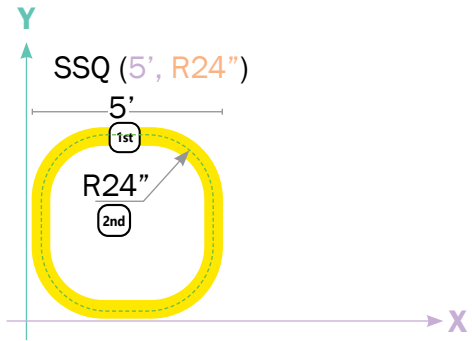
**Note:** The center line indicates the diameter at the center of the curve. Regardless to the mounting style, the center line remains the same. This is the dimension that should be used when planning a layout.

### Defining SR - Soft Rectangle shape



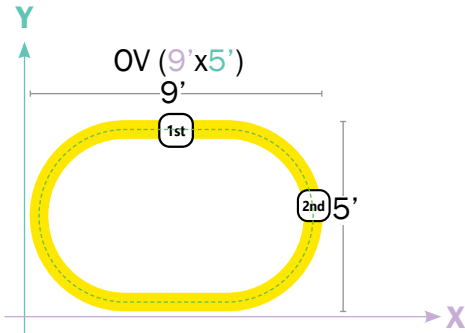
**Note:** The first number will always define the width, the second - the length. Third number will define the radius of the corner curvature.

### Defining SSQ - Soft Square shape



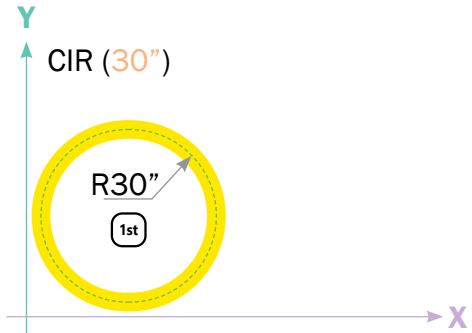
**Note:** The first number will define the width. (All sides are the same length). The second number will define the radius of the corners curvature.

### Defining OV - Oval shape



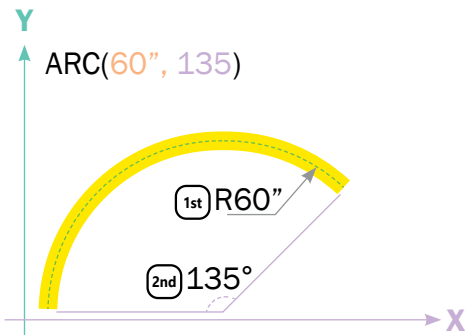
**Note:** The first number will always define the length. Second number will define the width of the oval shape.

### Defining CIR - Circular shape



**Note:** The number will define the radius of the circle.

### Defining ARC - Arc shape



**Note:** The first number will define the radius of the circle. The second number will define desired arc degree

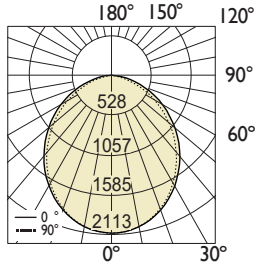
RADIUS	
<b>R12</b>	12 inch radius
<b>R18</b>	18 inch radius
<b>R24</b>	24 inch radius
<b>R30</b>	30 inch radius
<b>R48</b>	48 inch radius
<b>R60</b>	60 inch radius
<b>R72</b>	72 inch radius
<b>R80</b>	80 inch radius
<b>R(XX")</b>	any radius above 12 inch

### ● PHOTOMETRIC DATA

SO Spotless lens - Down

Downlight  
1300 lm/ft

#### PHOTOMETRIC CURVE



#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2113	2113	2113	2113	2113
5	2100	2099	2100	2101	2102
15	2004	2001	2001	1996	1996
25	1822	1814	1810	1795	1792
35	1569	1563	1545	1519	1510
45	1276	1264	1240	1201	1191
55	959	946	912	863	849
65	639	620	580	529	513
75	327	306	263	222	208
85	82	61	39	27	25
90	6	6	5	5	5

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	199
10-20	562
20-30	829
30-40	960
40-50	946
50-60	805
60-70	564
70-80	279
80-90	57
90	

#### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	22061	21440	20591
55	20437	19435	18094
65	18498	16770	14836
75	15452	12423	9820
85	11548	5459	3453

**Total Lumens: 5201 lm (for 4ft)**

**Input Watts: 44.71 W**

**Efficacy: 116 lm/W**

IES FILE: SK3S-FF-4-1300-90-35-SO-Preliminary.ies

TESTED ACCORDING TO IES LM-79-2019

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

**IMPORTANT – all patterns must be submitted with drawings indicating size and radii dimensions.**

