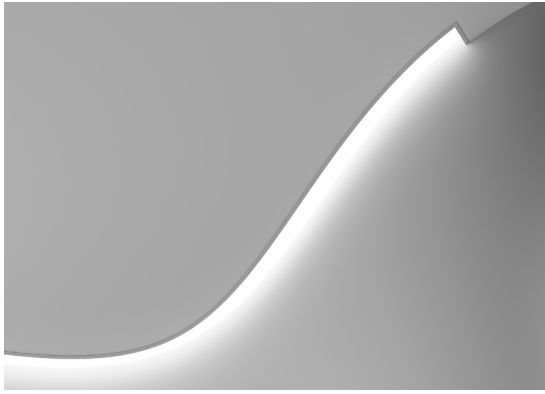
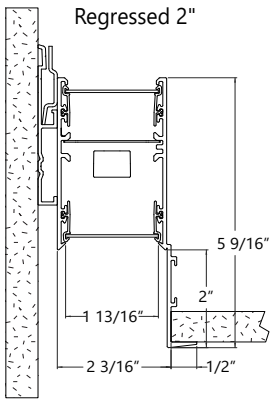


# Sketch 2

## PERIMETER



Project \_\_\_\_\_  
 Type \_\_\_\_\_  
 Notes \_\_\_\_\_



### Ordering Guide

**SK2PR-FF(101010)\*-AL(9'2")-1000-90-35-SO-RG2-W-120-DP-1-DF**

\*Project reference number provided by Axis

SK2PR		PATTERNS AND FORMS		TOTAL LENGTH, CORNER QTY.		LUMENS/FT		CRI
PRODUCT ID		FF(#)	free form pattern (project reference #)*	AL('XX")	specify total linear length in feet (2 ft minimum)	300	300 lm/ft - min	90
SK2PR	Sketch 2 Perimeter Recessed	ARC(R, Deg.)	arc (radius, degrees)	+CRN(#)	sharp corner (qty.)	1100	1100 lm/ft - max	high efficacy 90 CRI
		LIN(L)	linear (length)			900	900 lm/ft - max for RG2	
		*Please provide pattern drawing, and specify project reference number. Factory is available for assistance. Regular lit corners (min 45 degrees) available.				Outputs between listed are available. Consult factory for outputs outside of the listed range.		

COLOUR TEMP.		SHIELDING	SHIELDING POSITION	FINISH	VOLTAGE		DRIVER		
27	2700 K	SO	spotless lens	FL	flush spotless lens	120	120V	DP	dimming (0-10V) 1% - integral
35	3500 K					277	277V	DALI2	integral driver DALI 2.0 Type 6 - integral
30	3000 K					347	347V*	LT(#)	Lutron - remote*
40	4000 K					UNV	universal	O(#)	other - remote**
TW2750	2700-5000 K - Tunable White					DC	low voltage**	O(DMX)	other (Digital Multiplex)- remote**
TW2765	2700-6500 K - Tunable White				TW(#)	tunable white drivers - remote*			
								POE(#)	POE drivers - remote*
						* Remote only. ** Only available with POE drivers.		* Specify system; see page 2. **Please consult factory; see page 2	

CIRCUITS		MOUNTING		REMOTE BATTERY (OPT.)	OTHER (OPT.)		CUSTOM (OPT.)		
1	1 circuit	DF	drywall flange	BR(#)	battery pack remote	FW	flex whip (6' std)*	C	custom
2	2 circuits	DS	drywall spackle						
+E(#)	emergency circuit *								
+GTD(#)	generator transfer device * **								
* Specify quantity ** Remote only.				Requires 120V or 277V	* Other lengths available; please consult factory.		Please specify		

### ● CONSTRUCTION

<b>Housing</b>	Extruded aluminum (0.075" nominal)
<b>Interior reflectors</b>	Sheet aluminum (16 gauge)
<b>Mounting brkts.</b>	14GA Galvanized Steel
<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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### ● 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.

### ● WEIGHT

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

### ● ELECTRICAL


<b>DP driver</b>	integral DP driver. 0-10V 1% dimming standard.
<b>DALI2 driver</b>	integral DALI driver. DALI Type 6 standard. 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 adress) Tunable White series
<b>Power over Ethernet POE drivers* (consult factory for more information)</b> UL2108 certified for remote driver	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>	Minimum 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>	Dry and damp rated in operating ambient temperatures of 0-40°C (32-104F).

### ● APPROVALS

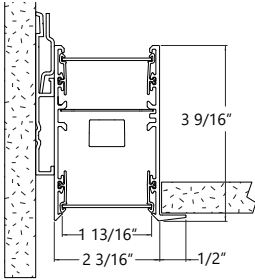
Certified to CSA standards   
Meets NYC requirements  
Suitable for damp locations, indoor only.

### ● WARRANTY

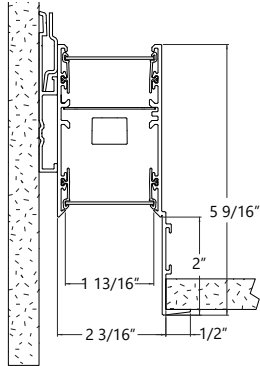
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions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

● SECTION VIEWS

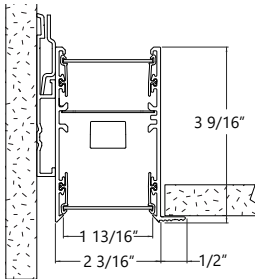
**FL** Flush  
**DF** Drywall flange



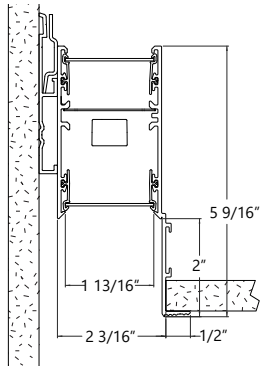
**2RG** 2" regressed  
**DF** Drywall flange



**FL** Flush  
**DS** Drywall spackle



**2RG** 2" regressed  
**DS** Drywall spackle

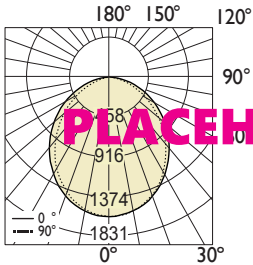


## ● PHOTOMETRIC DATA

### SO Spotless lens - Down

Downlight  
1100 lm/ft

#### PHOTOMETRIC CURVE



#### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1830	1830	1830	1830	1830
5	1824	1817	1816	1809	1811
15	1739	1728	1720	1704	1704
25	1582	1557	1536	1515	1507
35	1355	1330	1304	1264	1254
45	1101	1073	1038	977	956
55	830	802	741	674	660
65	552	518	454	395	380
75	288	243	193	151	143
85	71	38	19	14	14
90	5	5	4	4	4

#### ZONAL LUMENS

Zone	Lumens
0	
0-10	172
10-20	486
20-30	712
30-40	819
40-50	802
50-60	673
60-70	466
70-80	227
80-90	44
90	

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

Vertical Angle	Horizontal Angles		
	0	45	90
45	25408	23959	22065
55	23612	21072	18775
65	21313	17524	14662
75	18139	12140	9006
85	13344	3503	2604

**Total Lumens: 4401 lm (for 4ft)**

**Input Watts: 39.4 W**

**Efficacy: 112 lm/W**

IES FILE: SK2R-FF-4'-1100-90-35-SO.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.**

