Sculpt | Wall Mount - Direct/Indirect Patterns

c **UL** us Listed

Geometric Lighting

Control Sensors

StepLens

5 YEAR LUMINAIRE WARRANTY — LED BOARD & DRIVER

* Please see page 2 for example on how to specify various right angle patterns.
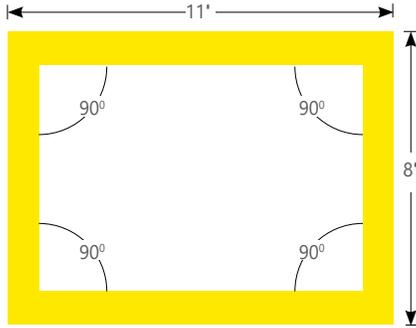
SCWDIPAT	R (11'X8')
PRODUCT ID	**PATTERNS AND LENGTH**

TOP VIEW - Rectangle Corner Pattern
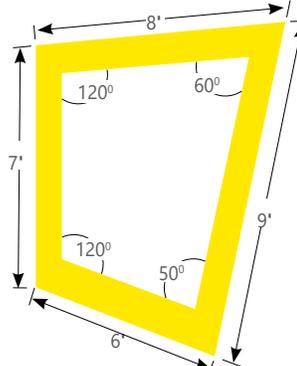
SCWDIPAT	FF(30)	OPR(120+60+50+120)
PRODUCT ID	**PATTERNS AND LENGTH**	**CORNER DEGREES**

TOP VIEW - Corner Pattern
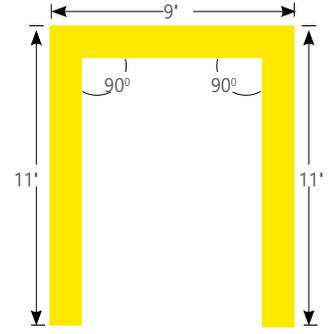
SCWDIPAT	U (11'X9'X11')
PRODUCT ID	**PATTERNS AND LENGTH**

TOP VIEW - Open Shape Corner Pattern

IMPORTANT! – all corner patterns must be submitted with drawings indicating dimensions and angles degree.

Ordering Guide

| SCWDIPAT		PATTERNS (SELECT ONE)		CORNER DEGREES(OPT.)		NOM. LUMENS/FT UP		NOM. LUMENS/FT DOWN	
PRODUCT ID									
SCWDIPAT	Sculpt Wall Direct/Indirect Patterns	**S(L)*** square shape (length) **R(LxL)*** rectangular shape (length) **U(LxLxL)*** U shape (length) **L(LxL)*** L shape (length) **T(LxLxL)*** T shape (length) **X(LxLxLxL)*** X shape (length)	**FF(L)** total pattern length	**OPR(#)** regular lit corner degrees **OPI(#)** inside lit corner degrees **OPO(#)** outside lit corner degrees		**300** 300 lm/ft - Min. **1000** 1000 lm/ft - Max.		**300** 300 lm/ft - Min. **500** 500 lm/ft - Max.	
		*Comes in 90 degree only OPR corners.	FREE FORM for various angles. Minimum 2'			Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.			

	CRI	COLOR TEMP.	SHIELDING UP	SHIELDING DOWN		SPECIFY LENGTH	FINISH	VOLTAGE	DRIVER
80	80 CRI	**27** 2700 K	**SO** spotless lens	**FL** flush		**NL** nominal	**AP** aluminum paint	**120** 120 V	**DP** dimming (0-10V) 1%
90	90 CRI	**30** 3000 K	**BW** batwing lens	**RG** 0.5" regressed		**EX** exact	**W** white	**277** 277 V	**D** dimming (0-10V) 5% 347V standard*
		35 3500 K		**0.5M** 0.5" StepLens, lum. end cap			**BLK** black	**347** 347 V	**LT** lutron
		40 4000 K		**0.5P** 0.5" StepLens, opaque end cap			**C** custom	**UNV** universal	**BI** bi-level dimming
				2M 2" StepLens, lum. end cap				**DC** low voltage*	**O** other ***
				2P 2" StepLens, opaque end cap					**POE(#)** POE drivers**
				ASO asymmetric flush lens					
				+BL(#) Blank (for flush option only)					
				All lens options use spotless lens				* D dimming (0-10V) 5% standard ** Only available with POE drivers.	* For 347V only ** Specify system *** Please consult factory; see page 3

|	CIRCUITS	BATTERY (OPTIONAL)	IC CONTROL (OPTIONAL)	CUSTOM
1	1 circuit	**B(#)** battery pack	**DS(#)** daylight sensor *	**C** custom
2	2 circuits		**OS(#)** occupancy sensor *	
+E(#)	emergency section *		**DOS(#)** daylight & occupancy sensor *	
+NL(#)	night light section *		**EN(#)** Enlighted integral *	
+GTD(#)	generator transfer device *		**ENR(#)** Enlighted remote **	
	* Specify quantity	Remote, 5 feet linear length minimum required for integral battery; Please consult factory	* For flush option only; Please consult factory * Please consult factory For StepLens, please consult factory Specify quantity. Requires 7" blank See IC controls guide for more details	Please specify

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

I / 3
July 5, 2023

File Name:SCWDIPAT.SPEC

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axis axislighting.com

How to Specify 90 degree Corners and Patterns

Example

Defining R - Rectangular shape

R (9'x5')
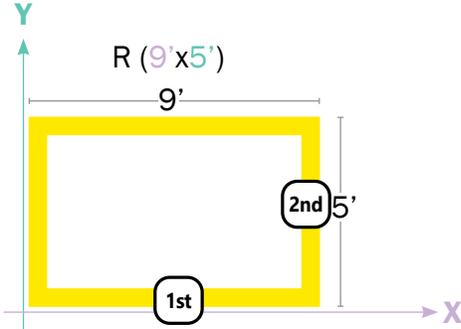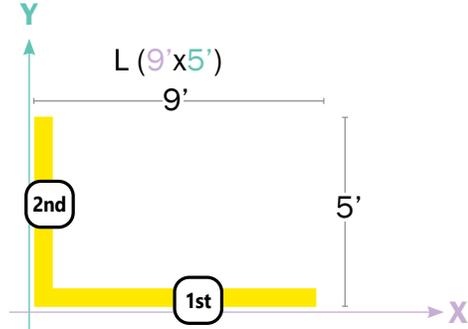
Note: The first number will always define the width, the second - the length.

Defining L shape


L (9'x5')

Defining U shape

U (2.5'x9'x5')
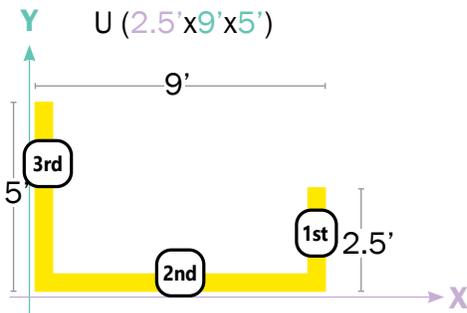
Note: The first number will always define the right arm length, the second - the width, and the third - the left arm length.

Defining T shape

T (9'x2'x3')
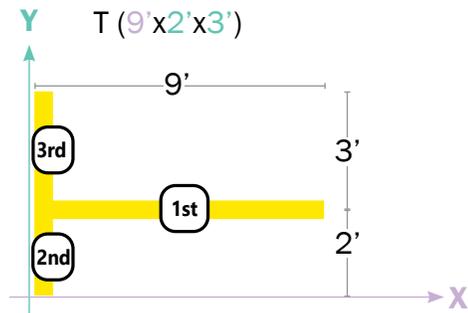
Note: The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

Defining S - Square shape

S (5')
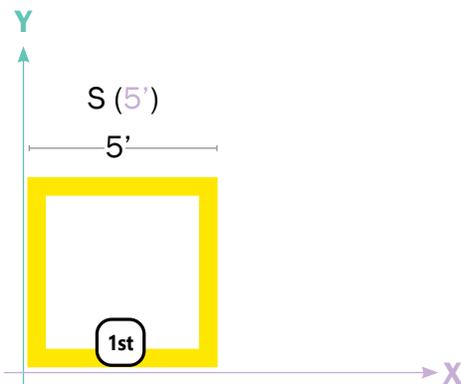
Note: The number will define the width. (All sides are the same length).

Defining X shape

X (5'x4'x5'x4')
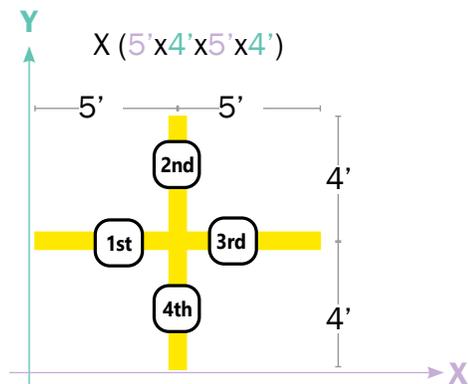
Note: The first number will define length of the left arm, the second - the arm length to the right from the first, and so on untill the 4th arm.

● LIT CORNER FEATURES

The Lit Corner system allows continuous illumination all the way through the corner section

To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

Illuminated Corners are more complex. Because the corner is fully illuminated, the corner is not independent of the straight sections, but integrated into the straight segment's housing. The corner is mitered, allowing a seamless line of light.

There are three types of illuminated corner available:

1. **Regular Illuminated Corner -** This is a fully illuminated 90 degree corner that lies in the same plane, for example, the ceiling or wall.

2. **Inside Illuminated Corner.** This corner runs up the wall, then across the ceiling. (Please use the "Inside & Outside lit corner patterns spec sheet" to specify and Inside lit corner).

3. **Outside Illuminated Corner -** This corner would run across a ceiling then up a bulkhead. (Please use the "Inside & Outside lit corner patterns spec sheet" to specify and Outside lit corner).

TIP: *Provide sketches illustrating corner types and locations required.*

(OPI) Inside Lit Corner

(OPO) Outside Lit Corner

(OPR) Regular Lit Corner
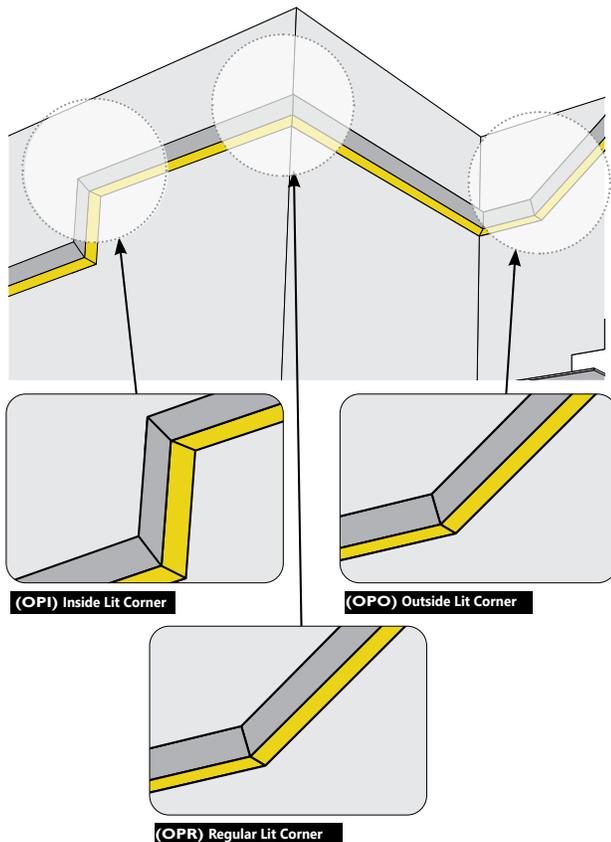
● ELECTRICAL

Lutron driver	**LDE1 -** Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers	**DALI -** Digital Addressable Lighting Interface **DMX -** Digital Multiplex **Xitanium SR -** For wireless sensor
Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE **O -** Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

ⓘ Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT	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.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25^0C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and damp rated for indoor use only in operating ambient temperatures of $0-40^0$C (32-104F).
Louver LED	Individual LED cluster in each louver cell.

● WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

axis
axislighting.com