

# Sculpt | Wall Mount - Direct Patterns

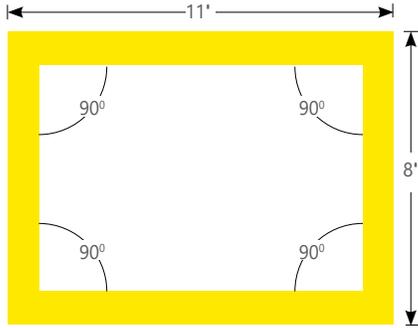


Project \_\_\_\_\_

Type \_\_\_\_\_

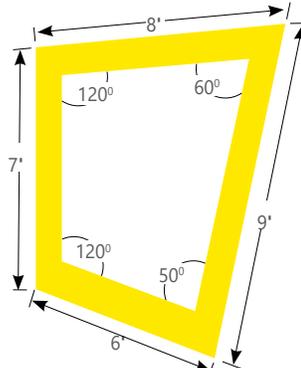
Notes \_\_\_\_\_

**\* Please see page 2 for example on how to specify various right angle patterns.**



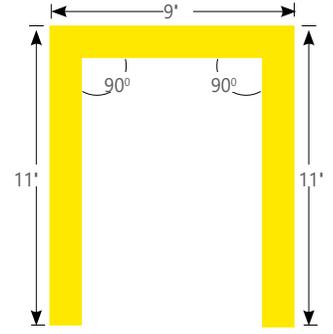
SCWDPAT	R (11'X8')
PRODUCT ID	PATTERNS AND LENGTH

TOP VIEW - Rectangle Corner Pattern



SCWDPAT	FF(30)	OPR(120+60+50+120)
PRODUCT ID	PATTERNS AND LENGTH	CORNER DEGREES

TOP VIEW - Corner Pattern



SCWDPAT	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

SCWDPAT		PATTERNS (SELECT ONE)		CORNER DEGREES(OPT.)	NOM. LUMENS/FT
PRODUCT ID	SCWDPAT	S(L)*	FF(L)	OPR(#)	
Sculpt Wall Direct Patterns		square shape (length)	total pattern length	regular lit corner degrees	300 300 lm/ft - Min.
		R(LxL)*		inside lit corner degrees	900 900 lm/ft - 90 CRI Max.
		U(LxLxL)*		outside lit corner degrees	1000 1000 lm/ft - 80 CRI Max.
		L(LxL)*			
		T(LxLxL)*			
		X(LxLxLxL)*			
		*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.

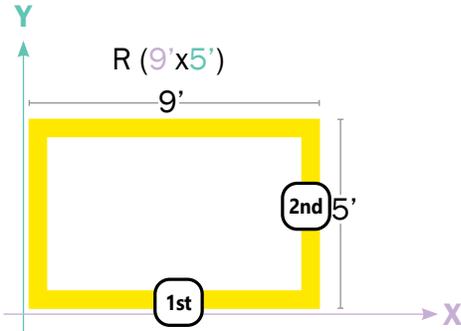
CRI	COLOR TEMP.	SHIELDING	SPECIFY LENGTH	FINISH	VOLTAGE	DRIVER
80 80 CRI	27 2700 K	FL flush	NL nominal	AP aluminum paint	120 120 V	DP dimming (0-10V) 1%
90 90 CRI	30 3000 K	RG 0.5" regressed	EX exact	W white	277 277 V	D dimming (0-10V) 5% 347V standard*
	35 3500 K	0.5M 0.5" StepLens, lum. end cap		BLK 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 spotlight 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 2 2 circuits +E(#) emergency section * +NL(#) night light section * +GTD(#) generator transfer device *	B(#) battery pack	DS(#) daylight sensor * OS(#) occupancy sensor * DOS(#) daylight & occupancy sensor * EN(#) Enlighted integral * ENR(#) Enlighted remote **	C custom
* 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 <a href="#">See IC controls guide for more details</a>	Please specify

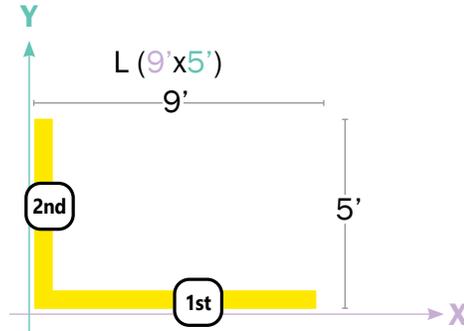
## How to Specify 90 degree Corners and Patterns

### Example

#### Defining R - Rectangular shape

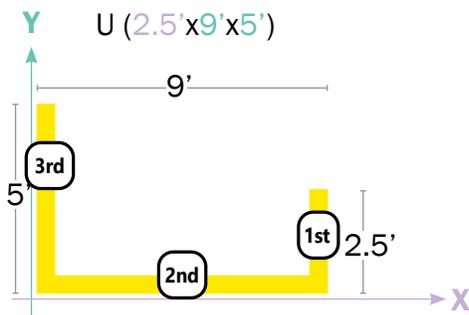


#### Defining L shape



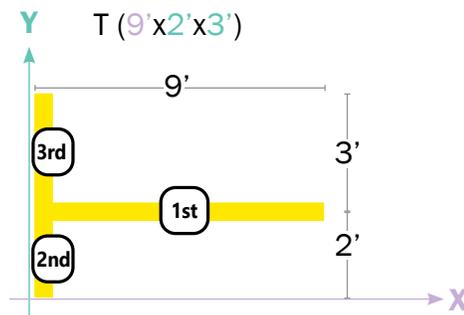
**Note:** The first number will always define the width, the second - the length.

#### Defining U shape



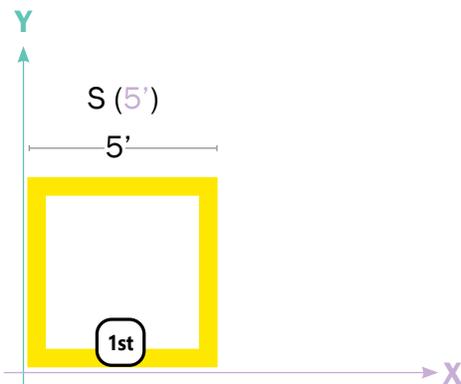
**Note:** The first number will always define the right arm length, the second - the width, and the third - the left arm length.

#### Defining T shape



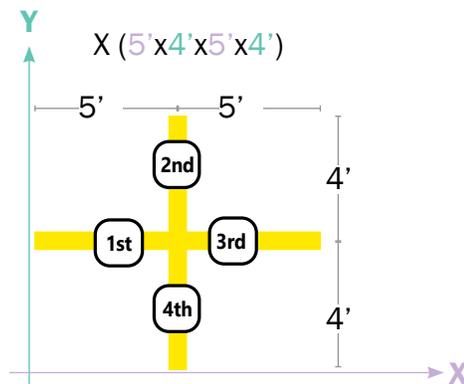
**Note:** The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

#### Defining S - Square shape



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

#### Defining X shape



**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 until the 4th arm.

### ● LIT CORNER FEATURES

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

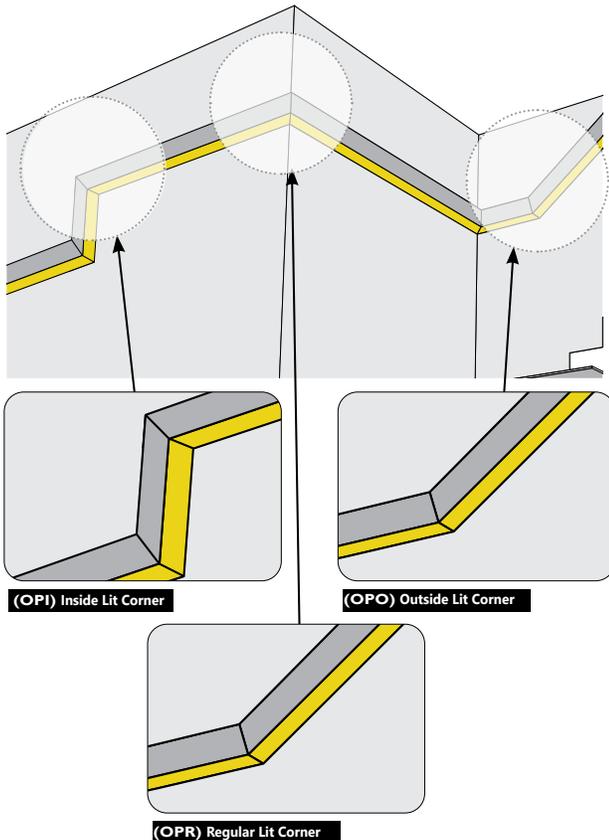
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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.**



### ● 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\*** MOLEX  
IGOR  
SMARTENGINE  
O - Other (Consult factory)  
(consult factory for more information)  
UL2108 certified for integral or remote driver

**Emergency** Integral emergency battery pack or emergency circuit optional.

**Input Voltage** 120V, 277V, 347V, UNV.

**i** 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°C 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°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](http://axislighting.com).