Sculpt | Surface Mount - Lit Corner Patterns

UL Listed — cULus

Geometric Lighting

Control Sensors

StepLens

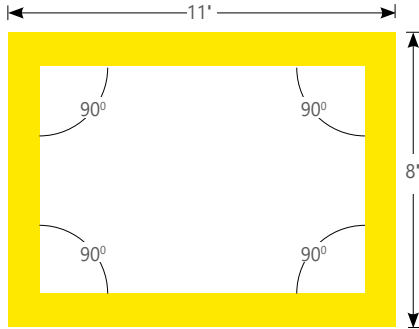**5 YEAR LUMINAIRE WARRANTY** — LED BOARD & DRIVER
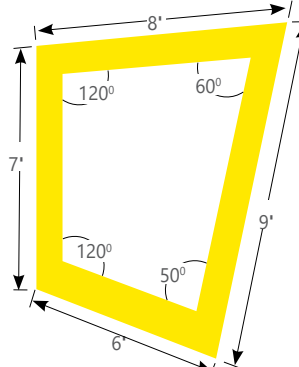
Project _____

Type _____

Notes _____

_____

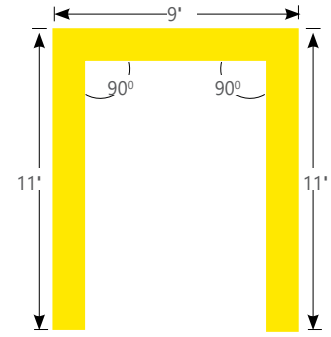*** Please see page 2 for example on how to specify various right angle patterns.**

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

TOP VIEW - Rectangle Corner Pattern

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

TOP VIEW - Corner Pattern

SCSPAT	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

SCSPAT

| PRODUCT ID		PATTERNS (SELECT ONE)		CORNER DEGREES(OPT.)		NOM. LUMENS/FT		CRI		COLOR TEMP.	
SCSPAT	Sculpt Surface 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. **900** 900 lm/ft - 90 CRI Max. **1000** 1000 lm/ft - 80 CRI Max.		**80** 80 CRI **90** 90 CRI		**27** 2700 K **30** 3000 K **35** 3500 K **40** 4000 K	
		*Comes in 90 degree only OPR corners.	FREE FORM for various angles. Minimum 2'	Specify for FF option only. Please confirm corner degrees. Min 45°.		Please consult factory for other lumen packages					

SHIELDING		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER		CIRCUITS	
FL flush **RG** 0.5" regressed **0.5M** 0.5" StepLens, lum. end cap **0.5P** 0.5" StepLens, opaque end cap **2M** 2" StepLens, lum. end cap* **2P** 2" StepLens, opaque end cap* **ASO** asymmetric flush lens **+BL(#)** Blank (for flush option only)		**NL** nominal **EX** exact		**AP** aluminum paint **W** white **BLK** black **C** custom		**120** 120 V **277** 277 V **347** 347 V **UNV** universal **DC** low voltage*		**DP** dimming (0-10V) 1% **LT** lutron **BI** bi-level dimming **O(#)** other ** **POE(#)** POE drivers*		**1** 1 circuit **2** 2 circuits **+E(#)** emergency section * **+NL(#)** night light section * **+GTD(#)** generator transfer device *	
All lens options use spotless lens * Is not available with OPO, OPI and OPOI corner patterns.						* Only available with POE drivers.		* Specify system ** Please consult factory; see page 3		* Specify quantity	

MOUNTING / SUSPENSION		BATTERY (OPTIONAL)		OTHER (OPTIONAL)		IC CONTROL (OPTIONAL)		CUSTOM	
SB9 surface TB/TG 9/16 **SB15** surface TB/TG 15/16 **SBS** surface screw slot t-bar **S** surface drywall ceiling **SC** surface solid ceiling		**B(#)** battery pack		**FW** flex whip (6' std)		**DS(#)** daylight sensor * **OS(#)** occupancy sensor * **DOS(#)** daylight & occupancy sensor * **EN(#)** Enlighted integral * **ENR(#)** Enlighted remote **		**C** custom	
		Remote, 5 feet linear length minimum required for integral battery; Please consult factory		Other lengths available; 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	

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How to Specify 90 degree Corners and Patterns

Example

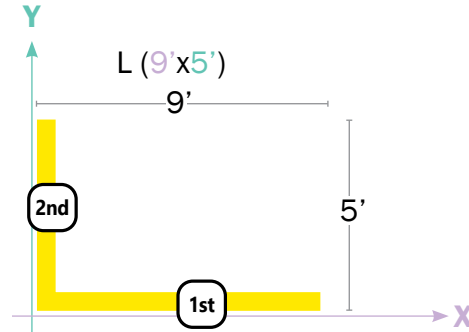### Defining R - Rectangular shape

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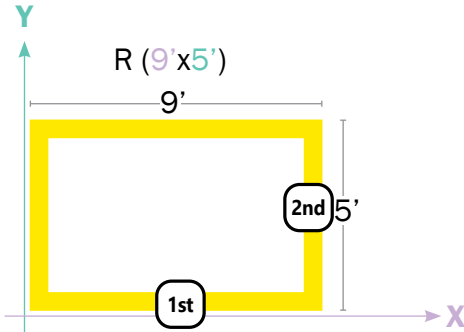
Note: The first number will always define the width, the second - the length.

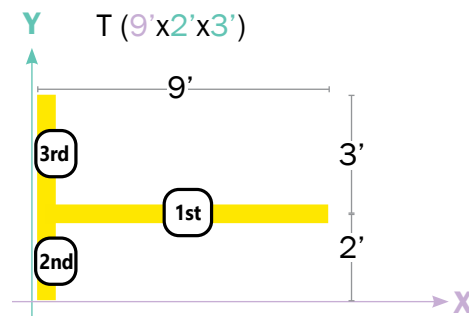### Defining L shape

L (9'x5')

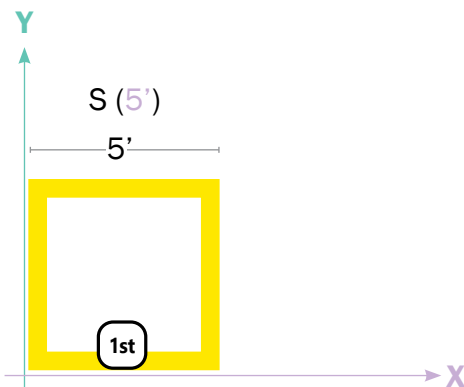### Defining U shape

U (2.5'x9'x5')
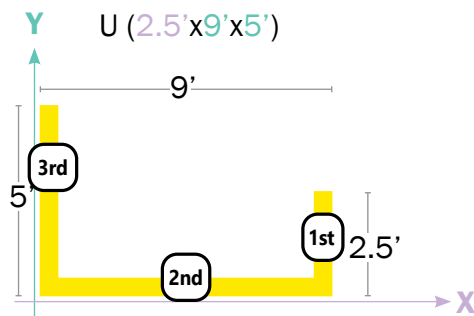
Note: The first number will always define the right arm length, the second - the width, and the third - the left arm length.
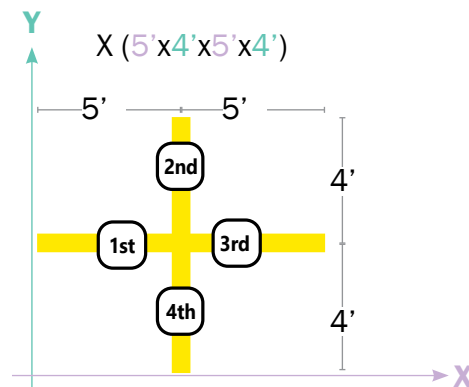
Defining T shape

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.

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● 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.*

(OPR) Regular lit Corner

(OPO) Outside lit Corner

(OPI) Inside lit Corner
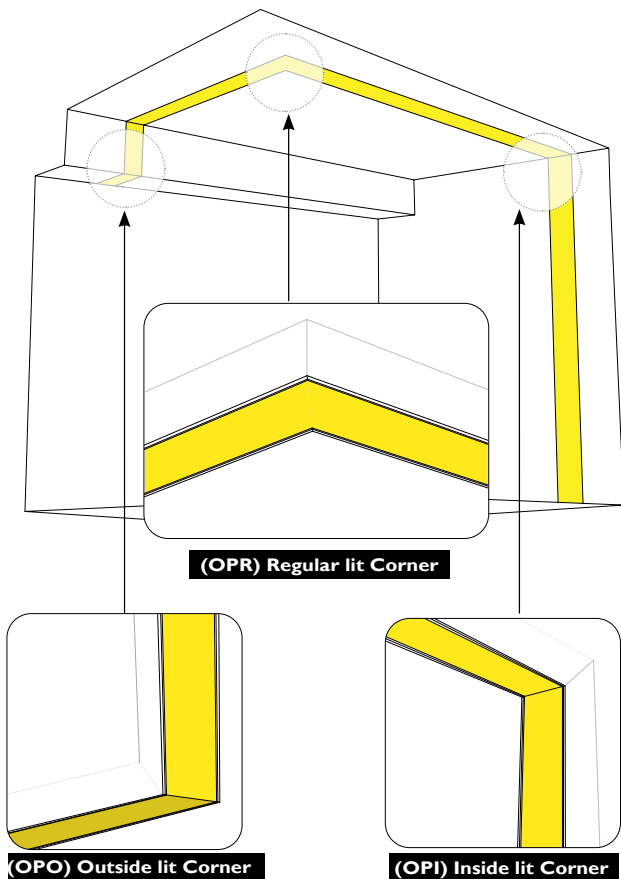
● ELECTRICAL

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^{0}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^{0}C (32-104F).

● 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.

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.

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February 6, 2024

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1.800.263.2947
[T] 514.948.6272

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