Beam 3 LED

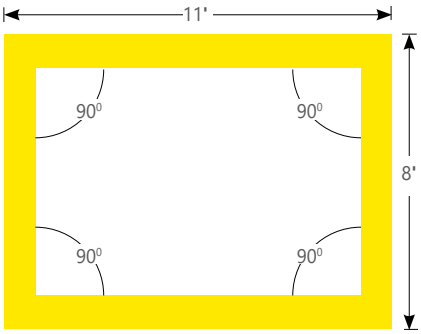
SURFACE MOUNT - REGULAR LIT CORNER PATTERNS

Project _____

Type _____

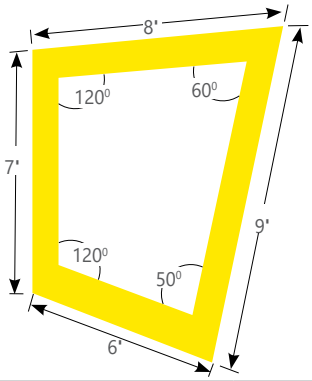
Notes _____

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



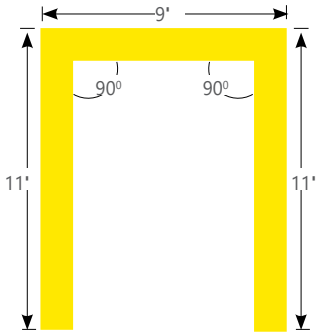
TB3SLEDPAT	R (11'X8')
PRODUCT ID	PATTERNS AND LENGTH

TOP VIEW - Rectangle Corner Pattern



TB3SLEDPAT	FF(30)	OPR(120+60+50+120)
PRODUCT ID	PATTERNS AND LENGTH	CORNER DEGREES

TOP VIEW - Corner Pattern



TB3SLEDPAT	U (9'X11'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

PRODUCT ID		PATTERNS AND LENGTH (SELECT ONE)				CORNER DEGREES (OPT.)		LUMENS/FT	
TB3SLEDPAT	beam 3 led surface	**S(L)***	square shape (length)	**FF(L)**	total pattern length	**OPR(#)**	regular lit corner degrees	**400**	400 lm/ft - **Minimum**
		R(LxL)*	rectangular shape (length)			**OPI(#)***	inside lit corner degrees*	**1000**	1000 lm/ft - **Maximum**
		U(LxLxL)*	U shape (length)			**OPO(#)***	outside lit corner degrees*		
		L(LxL)*	L shape (length)						
		T(LxLxL)*	T shape (length)						
		X(LxLxLxL)*	X shape (length)						
		*Comes in 90 degree only.		FREE FORM for various angles. Minimum 2'.		Specify for FF option only. Please confirm corner degrees. Min 45°. *Only available with SO, 0.25G, 1.5M, and UB direct sheilding options		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.	

CRI		COLOUR TEMP.		SHIELDING		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER	
80	80 CRI	**27**	2700 K	**SO**	spotless lens	**NL**	nominal	**AP**	aluminum paint	**120**	120V	**DP**	dimming (0-10V) 1%
90	90 CRI	**35**	3500 K	**ASO**	asymmetric, flush only	**EX**	exact	**W**	white	**277**	277V	**LT(#)**	Lutron *
		30	3000 K	**0.25G**	0.25" Glo lens			**BLK**	black	**347**	347V	**BI**	bi-level dimming
		40	4000 K	**1.25M**	StepLens , lum. end cap			**C**	custom	**UNV**	universal	**O(#)**	other **
				UB	Ultra blend lens (Flush only)					**DC**	low voltage*	**POE(#)**	POE drivers*
				BW	batwing, flush only								
				NW	narrow, flush only								
				GZ	graze, flush only								
				WW	wallwash, flush only								
				Choose only one of the options above; SurroundLite not available with direct						* Only available with POE drivers.		* Specify system, see page 3. ** Please consult factory	

CIRCUITS		MOUNTING		BATTERY		OTHER		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
1	1 circuit	**S**	surface drywall ceiling	**B(#)**	battery pack 4' sections	**F**	fuse *	**DS(#)**	daylight sensor	**C**	custom
2	2 circuits	**SB**	surface t-bar ceiling			**EF**	end feed	**OS(#)**	occupancy sensor		
+E(#)	emergency circuit *	**SC**	surface solid ceiling			**FW(#)**	flex whip (6' std)	**DOS(#)**	daylight & occupancy sensor		
+NL(#)	night light circuit *					**CP**	Chicago plenum	**EN(#)**	Enlighted integral *		
+GTD(#)	generator transfer device *							**ENR(#)**	Enlighted remote *		
								WC(#)	wireless control dimming		
* Specify quantity				Requires 120V or 277V Please consult factory		* Requires 120V or 277V		* Please consult factory See integrated controls guide for more details.		Please specify	

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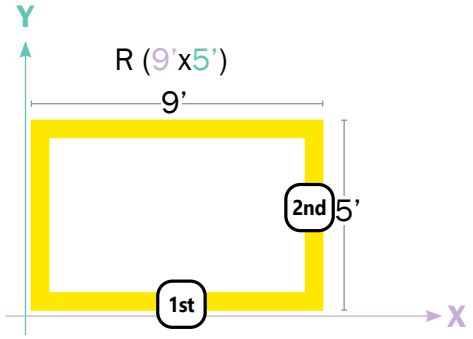
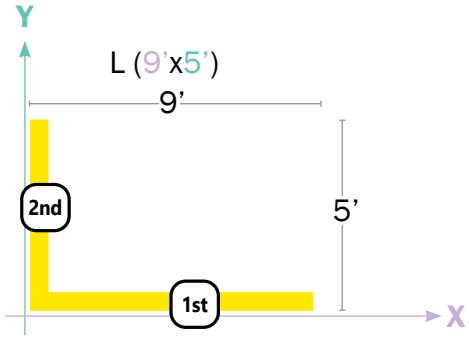
How to Specify 90 degree Corners and Patterns

Example

Defining R - Rectangular shape

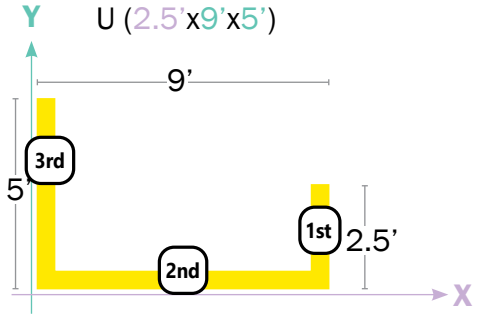


Defining L shape



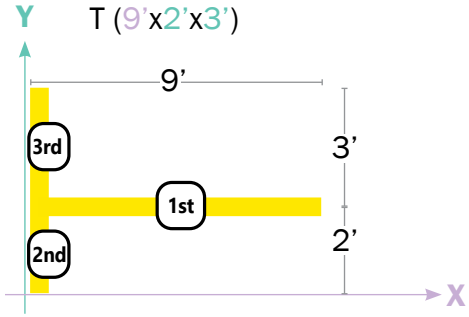
Note: The first number will always define the width, the second - the length.

Defining U shape



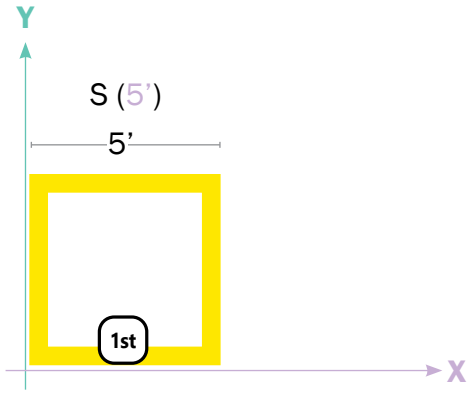
Note: The first number will always define the right arm length, the second - the width, and the third - the left arm length.

Defining T shape



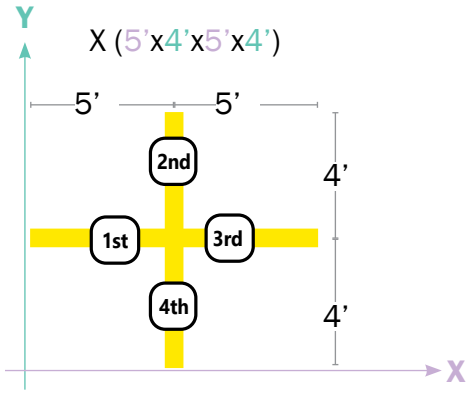
Note: The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

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 untill the 4th arm.

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LIT CORNER FEATURES

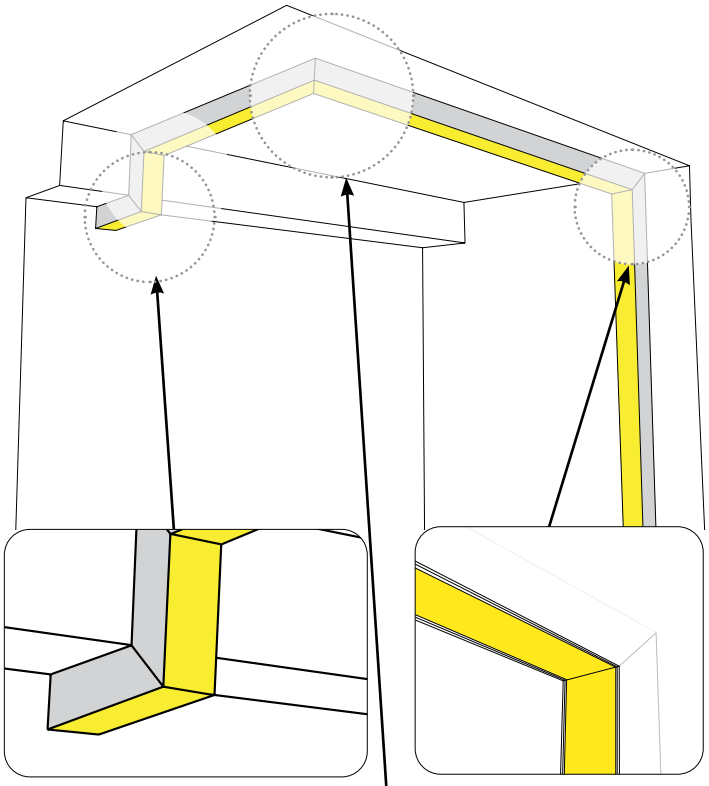
The Lit Corner system allows continuous illumination all the way through the corner section

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.

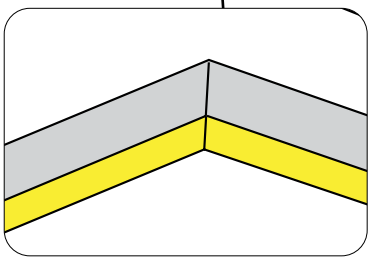
Regular Illuminated Corner - This is a fully illuminated corner that lies on the same plane, for example, the ceiling. There are two corner options available for Regular Lit Corners: **Open Shape Corner** and **Closed Shape Corner**

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



(OPO) Outside lit Corner

(OPI) Inside lit Corner



(OPR) Regular lit corner

ELECTRICAL

Lutron driver*	**LDE1** - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black **LTEA** - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers	**DALI** - Digital Addressable Lighting Interface **DMX** - Digital Multiplex **LV** - line voltage - Advance Mark 10 **Xitanium SR** - For wireless sensor
Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver	MOLEX IGOR **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 in operating ambient temperatures of 0-40^{0}C (32-104F).

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.

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