

# BEAM 2

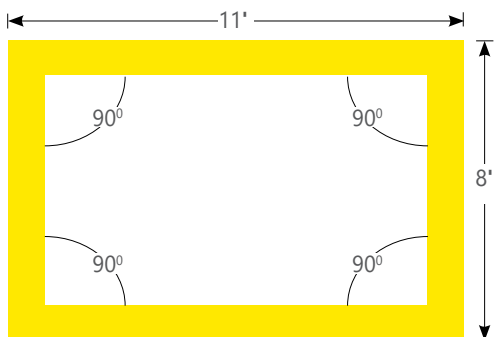
## RECESSED MOUNT - REGULAR LIT CORNER PATTERNS

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

Project \_\_\_\_\_

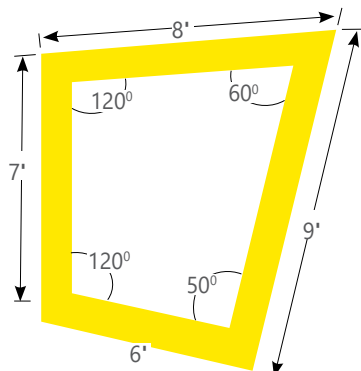
Type \_\_\_\_\_

Notes \_\_\_\_\_



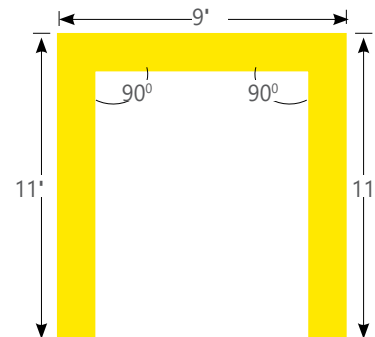
BRLEDPAT	R (11'X8')
PRODUCT ID	PATTERNS AND LENGTH

TOP VIEW - Rectangle Corner Pattern



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

TOP VIEW - Corner Pattern



BRLEDPAT	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 (SELECT ONE)		CORNER DEGREES(OPT.)		LUMENS/FT	
BRLEDPAT	beam2led recessed	S(L)* square shape (length)	FF(L) total pattern length	OPR(#)	regular lit corner degrees	300	300 lm/ft - min
		R(LxL)* rectangular shape (length)		OPI(#)*	inside lit corner degrees*	1000	1000 lm/ft - max
		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 OPR corners.		FREE FORM for various angles. Minimum 2'.		Specify for FF option only. Please confirm corner degrees. Min 30° *Only available with SO, 0.25G, 1M, and UB direct shielding options	
						Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.	

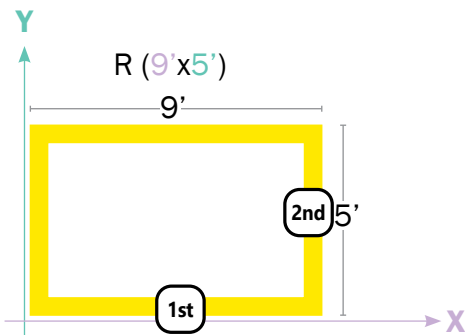
CRI		COLOUR TEMP.		SHIELDING		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER	
80	80 CRI	27	2700 K	SO	spotless lens	NL	nominal	W	white	120	120V	DP	dimming (0-10V) 1%
90	90 CRI	35	3500 K	UB	ultra blend lens	EX	exact	BLK	black	277	277V	LT(#)	Lutron *
		30	3000 K					C	custom	347	347V	BI	bi-level dimming
		40	4000 K							UNV	universal	O(#)	other **
										DC	low voltage*	POE(#)	POE drivers*
										* Only available with POE drivers.		* Specify system, see page 3 ** Please consult factory; see page 3	

CIRCUITS		MOUNTING		BATTERY		OTHER		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
1	1 circuit	TB9	t-bar 9/16"	B#	battery pack 4' sections	EF	end feed	DS(#)	daylight sensor	C	custom
2	2 circuits	TB15	t-bar 15/16"			FW(#)	flex whip (6' std)	OS(#)	occupancy sensor		
+E(#)	emergency circuit *	ST	screw slot t-bar			CP	Chicago plenum	DOS(#)	daylight & occupancy sensor		
+NL(#)	night light circuit *	TG9	tegar 9/16"					EN(#)	Enlighted integral *		
+GTD(#)	generator transfer device *	TG15	tegar 15/16"					ENR(#)	Enlighted remote *		
		DF	drywall flange					WC(#)	wireless control dimming		
		D	drywall flangeless								
		DB	slip-through bracket								
		DS	drywall spackle flange								
* Specify quantity				Requires 120V or 277V Please consult factory				* Please consult factory <a href="#">See integrated controls guide for more details.</a>		Please specify	

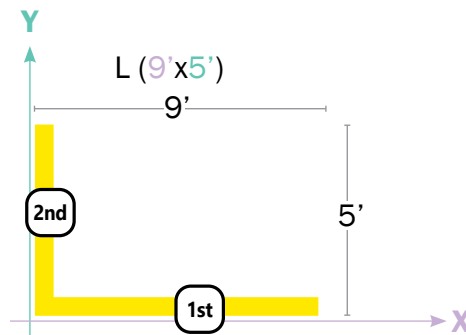
### How to Specify 90 degree Corners and Patterns

#### Example

##### Defining R - Rectangular shape

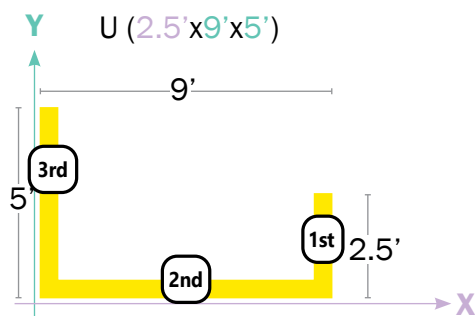


##### Defining L shape



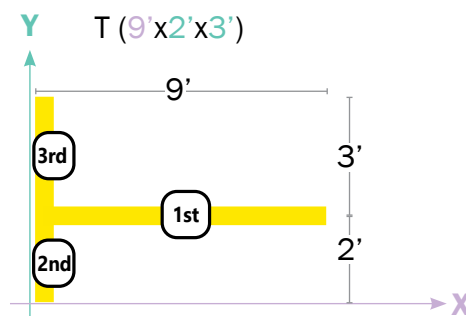
**Note:** The first number will always define the width, the second - the length.

##### Defining U shape



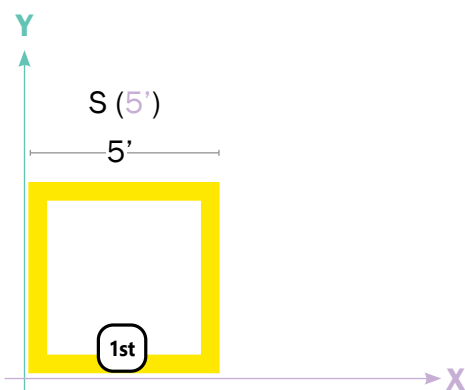
**Note:** The first number will always define the right arm length, the second - the width, and the third - the left arm length.

##### Defining T shape



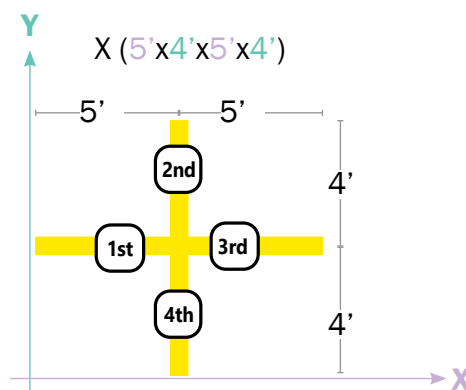
**Note:** The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

##### 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

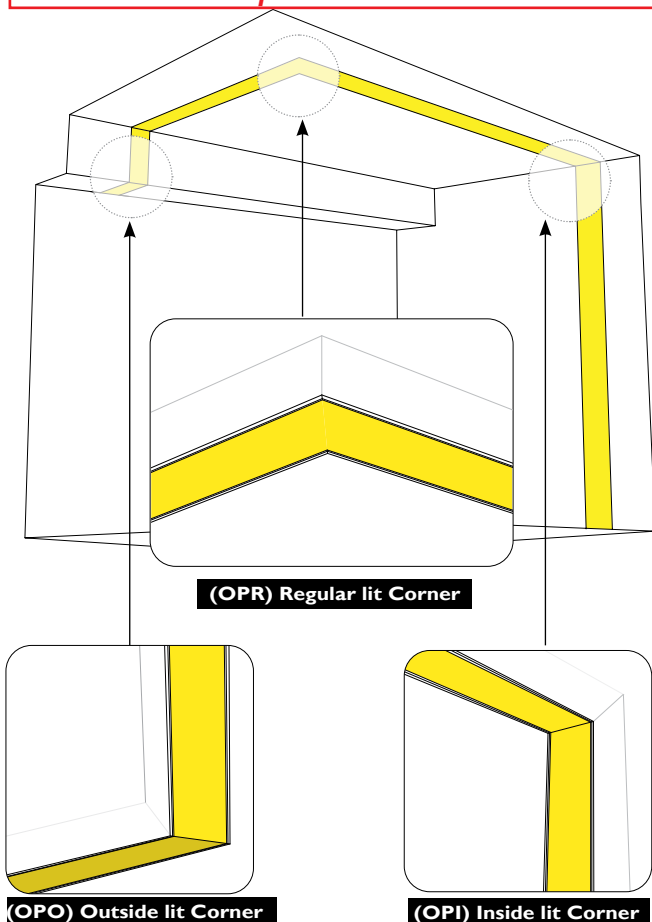
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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

\*Consult factory

**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)

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 in operating ambient temperatures of 0-40°C (32-104°F).

**Flex Whip** Shipped in a separate box for contractors to install

### ● 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.

### ● APPROVALS

Certified to UL and CUL standards   
Meets NYC requirements  
Meets ADA requirements.  
Suitable for damp locations.



A large grid of squares, intended for drawing corner patterns. The grid is composed of 30 columns and 30 rows of squares, providing a space for technical drawings.