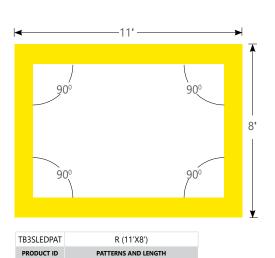
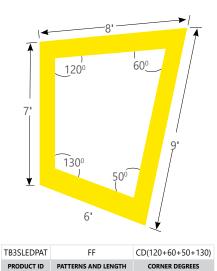


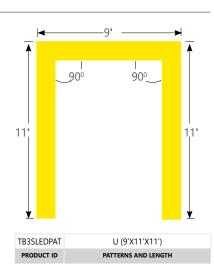
# SURFACE MOUNT - REGULAR LIT CORNER PATTERNS

Type

Notes







**TOP VIEW - Rectangle Corner Pattern** 

TOP VIEW - Corner Pattern

TOP VIEW - Open Shape Corner Pattern

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

#### **Ordering Guide**

P	RODUCT ID		PATTERNS AND LEN	GTH (	SELECT ONE)	CORN	ER DEGREES(OPT.)	LUMENS/FT			
TB2SLEDPAT B2SQSLEDPAT TB3SLEDPAT TB4SLEDPAT B6SLEDPAT	beam 3 led surface beam 4 led surface	U(#x#x#)*	U shape (length)	FF	other shape regular lit corners	CD(#)	corner degrees	400 1000			
		*Comes in 90 degree only.					Specify for FF option only. Min 45°.		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.		

CRI COLOUR T		UR TEMP.		SHIELDING	LENGTH/FT		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER		
80	80 CRI	27	2700 K	so	spotless lens	#	total pattern	NL	nominal	AP	aluminum paint	120	120V	DP	dimming (0-10V) 1%
90	90 CRI	35	3500 K	L	louver *		length	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	1.25" Step lens, lum. end cap**					С	custom	UNV	universal	O(#)	other **
				1.5M	1.5" Step lens, lum. end cap***							DC	low voltage*	POE(#)	POE drivers*
				*Only avalable with Beam 2  **Only avalable with Beam 3  ***Only avalable with Beam 4								* Only available with POE drivers.		* Specify system, see page 3. ** Please consult factory	

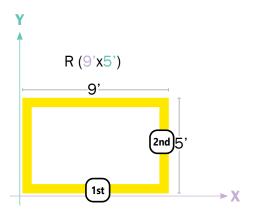
CIRCUITS		MOUNTING		BATTERY			OTHER	IC CONTROLS (OPTIONAL)			CUSTOM (OPTIONAL)	
1	1 circuit	S	surface drywall ceiling	B#	battery pack 4' sections	F	fuse *	DS#	daylight sensor	С	custom	
2	2 circuits	SB	surface t-bar ceiling			EF	end feed	OS#	occupancy sensor			
+ E(#)	emergency circuit *	SC	surface solid 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	

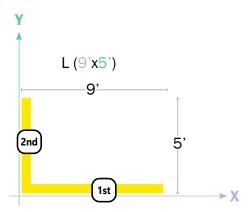


## **How to Specify 90 degree Corners and Patterns**

## **Example**

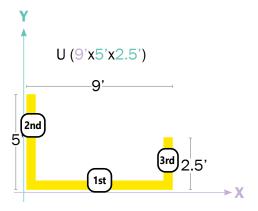
### **Defyning R - Rectangular shape and L shape**





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

## **Defyning U shape**



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



# SURFACE MOUNT - REGULAR LIT CORNER PATTERNS

#### 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.

#### • ELECTRICAL

**Lutron driver\*** LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-

Black

LDE5 - 5-Series EcoSystem

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 MOLEX POE drivers\* IGOR

(consult factory for more information) UL2108 certified for

O - Other (Consult factory)

integral or remote driver Emergency

Integral emergency battery pack or emergency

circuit optional.

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

1 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** Aluminum housing acting as the heat sink to

Management maximize life.

**Environment** Dry and damp rated in operating ambient

temperatures of 0-40°C (32-104F).



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.

