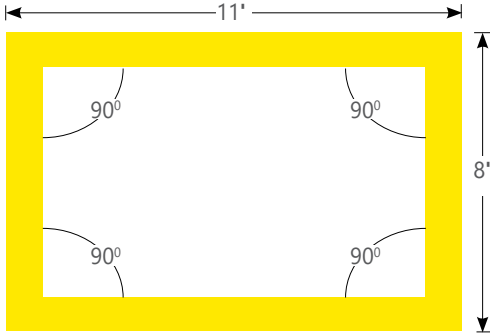


Project _____

Type _____

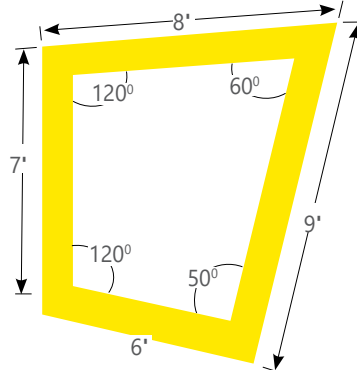
Notes _____

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



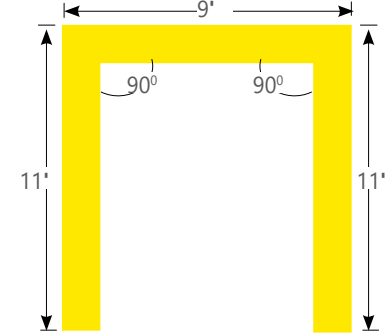
B2SQRLEDPAT	R (11'X8')
PRODUCT ID	PATTERNS AND LENGTH

TOP VIEW - Rectangle Corner Pattern



B2SQRLEDPAT	FF(30)	OPR(120+60+50+120)
PRODUCT ID	PATTERNS AND LENGTH	CORNER DEGREES

TOP VIEW - Corner Pattern



B2SQRLEDPAT	U (11'X 9' 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



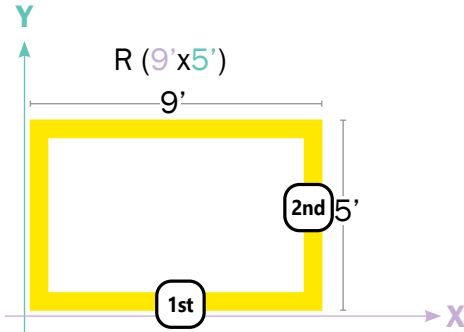
PRODUCT ID	PATTERNS (SELECT ONE)	CORNER DEGREES(OPT.)	LUMENS/FT
B2SQRLEDPAT Beam 2 Square Recessed LED	S(L)* square shape (length)	FF(L) total pattern length	OPR(#) regular lit corner degrees
	R(LxL)* rectangular shape (length)		OPI(#)* inside lit corner degrees*
	U(LxLxL)* U shape (length)		OPO(#)* 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. * 750 lm/ft max. only for GZ, NW, WW and ASO. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS.

CRI	COLOUR TEMP.		SHIELDING	SPECIFY LENGTH	FINISH	VOLTAGE	DRIVER
80 80 CRI	27 2700 K	TW2750 2700-5000 K - Tunable White	SO spotless lens	NL nominal	W white	120 120V	DP dimming (0-10V) 1%
90 90 CRI*	35 3500 K	TW2765 2700-6500 K - Tunable White	BFBL black flat blade louver	EX exact	BLK black	277 277V	LT(#) Lutron *
	30 3000 K	BTW3527 3500-2700 K - Tunable BIOS	WFBL white flat blade louver		C custom	347 347V	BI bi-level dimming
	40 4000 K	BTW4027 4000-2700 K - Tunable BIOS	GFBL grey flat blade louver			UNV universal	O(#) other **
	B30 3000 K - BIOS*		0.25G 0.25" Glo lens			DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*
	B35 3500 K - BIOS*		UB ultra blend lens*				DPB(DYN) Biodimming™ 100%-50% with BIOS*
	B40 4000 K - BIOS*		1M StepLens, lum. end cap				TW(#) tunable white drivers*
			ASO asymmetric, flush only				POE(#) POE drivers*
			BW batwing, flush only				
			NW narrow, flush only				
			GZ graze, flush only				
			WW wallwash, flush only				
* Not available with BIOS.	Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology		* Default lens for Tunable white and BIOS. Consult factory for other lens.			* Only available with POE drivers.	* Specify system, see page 4 ** Please consult factory; see page 4

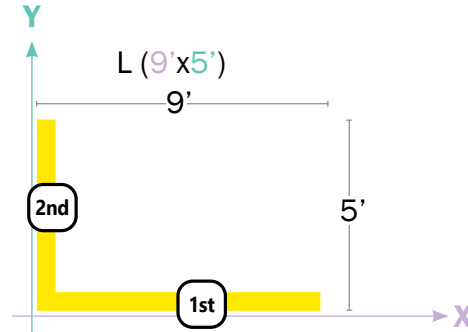
CIRCUITS	MOUNTING	BATTERY	OTHER	IC CONTROLS (OPTIONAL)	CUSTOM(OPT.)
1 1 circuit	TB9 t-bar 9/16"	B# battery pack 4' sections	EF end feed	DS(#) daylight sensor	C custom
2 2 circuits	TB15 t-bar 15/16"		FW flex whip (6' std)*	OS(#) occupancy sensor	
+E(#) emergency circuit *	ST screw slot t-bar		CP Chicago plenum	DOS(#) daylight & occupancy sensor	
+NL(#) night light circuit *	TG9 tegular 9/16"			EN(#) Enlighted integral *	
+GTD(#) generator transfer device *	TG15 tegular 15/16"			ENR(#) Enlighted remote *	
	DF drywall flange			WC(#) wireless control dimming	
	D drywall flangeless				
	DS drywall spackle flange				
* Specify quantity		Requires 120V or 277V Please consult factory	* Other lengths available; please consult factory.	* Please consult factory See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.	Please specify

How to Specify 90 degree Corners and Patterns

Defining R - Rectangular shape

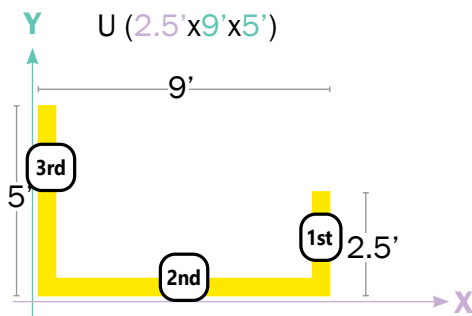


Defining L shape



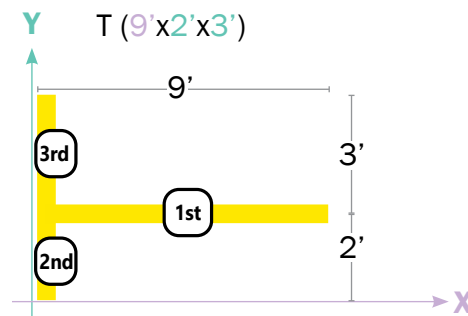
Note: The first number will always define the width, the second - the length.

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



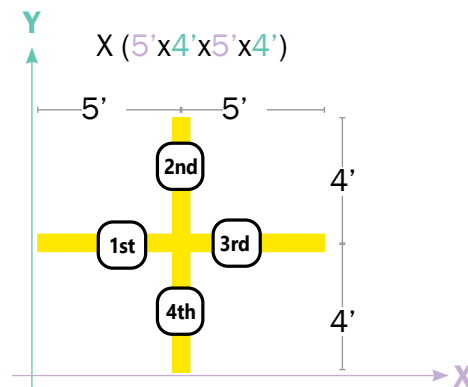
Note: The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

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

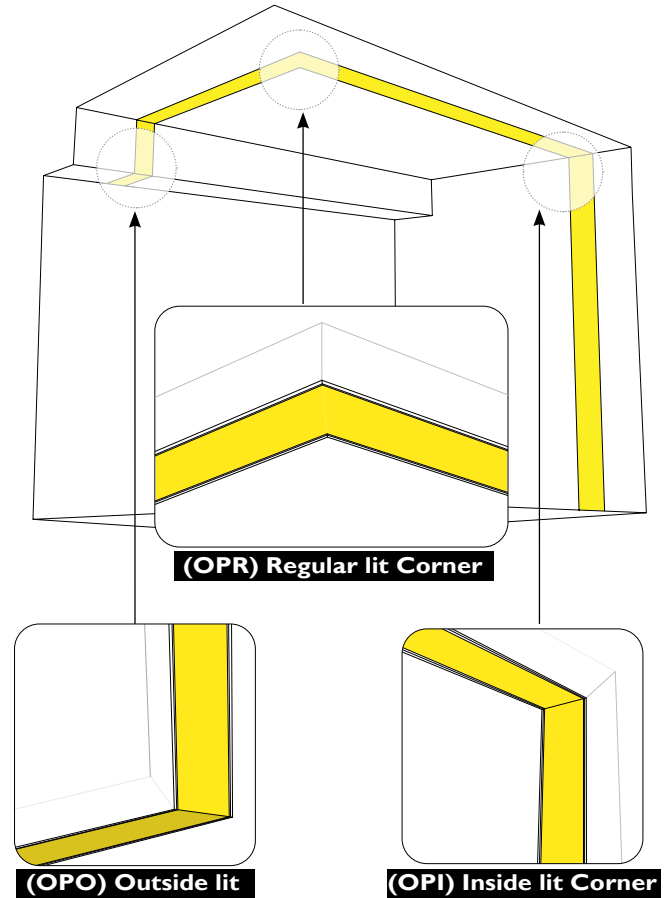
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS SkyBlue enabled from 100% to 1%. DYN- BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™ enabled 100% to 50%, light output dimming from 49% to 1%.
Tunable White TW drivers*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

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.

APPROVALS

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

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	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.
CCT BIOS	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
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).

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

