Project _____

Type _____
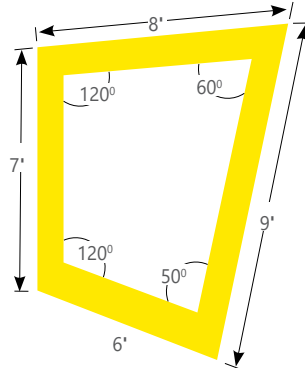
Notes _____

* Please see page 2 for example on how to specify various right angle patterns.
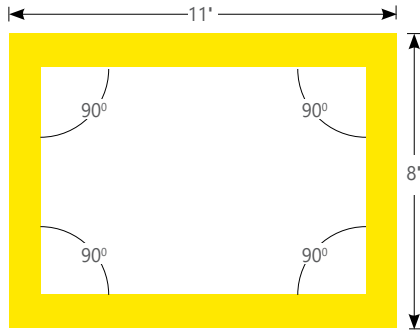
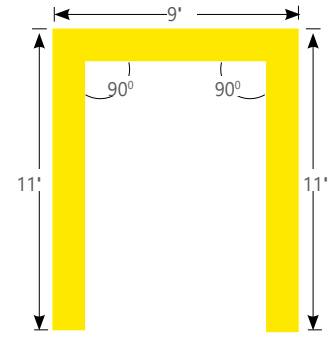| B2SQILEDPAT	R (11'X8')	
PRODUCT ID	**PATTERNS AND LENGTH**	

TOP VIEW - Rectangle Corner Pattern

B2SQILEDPAT	FF(30)	OPR(120+60+50+120)
PRODUCT ID	**PATTERNS AND LENGTH**	**CORNER DEGREES**

TOP VIEW - Corner Pattern

B2SQLEDPAT	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 INDIRECT		CRI	
B2SQILEDPAT Beam 2 Square Indirect	**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	**300**	300 lm/ft - **Min.**	**80**	80 CRI
				1100	1100 lm/ft - **Max.**	**90**	90 CRI
	*Comes in 90 degree only.	FREE FORM for various angles. Minimum 2'.	Specify for FF option only. Please confirm corner degrees. Min 30°	Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.			

COLOUR TEMP.			SHIELDING INDIRECT		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER	
27 2700 K	**TW2750**	2700-5000 K - Tunable White	**SL**	surroundlite	**NL**	nominal	**AP**	aluminum paint	**120**	120V	**DP**	dimming (0-10V) 1%
30 3000 K	**TW2765**	2700-6500 K - Tunable White	**SLA**	surroundlite asymmetric	**EX**	exact	**W**	white	**277**	277V	**LT(#)**	Lutron *
35 3500 K	**BTW3527**	3500-2700 K - Tunable BIOS					**BLK**	black	**347**	347V	**BI**	bi-level dimming
40 4000 K	**BTW4027**	4000-2700 K - Tunable BIOS					**C**	custom	**UNV**	universal	**O(#)**	other **
B30 3000 K - BIOS*									**DC**	low voltage*	**DPB(STC)**	dimming (0-10V) 1% with BIOS*
B35 3500 K - BIOS*											**DPB(DYN)**	Bio-dimming™ 100%-81% with BIOS*
B40 4000 K - BIOS*											**TW(#)**	tunable white drivers*
											POE(#)	POE drivers*
Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology									* Only available with POE drivers.		* Specify system, see page 3. **Please consult factory; see page 3.	

| CIRCUITS		MOUNTING/SUSPENSION		BATTERY		OTHER		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
1	1 circuit	**CA(#)**	drywall+cable length (36"std)	**B(#)**	battery pack 4' sections	**D**	dust cover	**DS(#)**	daylight sensor	**C**	custom
2	2 circuits	**CT9(#)**	TB/TG 9/16+cable length (36" std.)					**OS(#)**	occupancy sensor		
+E(#)	emergency circuit *	**CT15(#)**	TB/TG15/16+cable length (36" std.)					**DOS(#)**	daylight & occupancy sensor		
+NL(#)	night light circuit *	**CTS(#)**	screw slot+cable length (36" std.)					**EN(#)**	Enlighted integral *		
+GTD(#)	generator transfer device *	**SA(#)**	drywall+stem length>48 (18"std)					**ENR(#)**	Enlighted remote *		
		CASL(#)	drywall cable sloped ceiling					**WC(#)**	wireless control dimming		
		SASL(#)	drywall stem sloped ceiling								
* Specify quantity		See Mounting kit guide for full specification code. Specify quantity		Requires 120V or 277V Please consult factory				* Please consult factory See integrated controls guide for more details.		Please specify	

How to Specify 90 degree Corners and Patterns
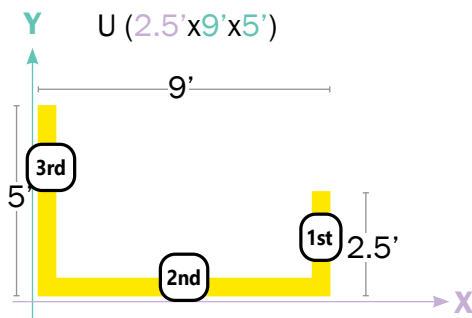
Defining R - Rectangular shape

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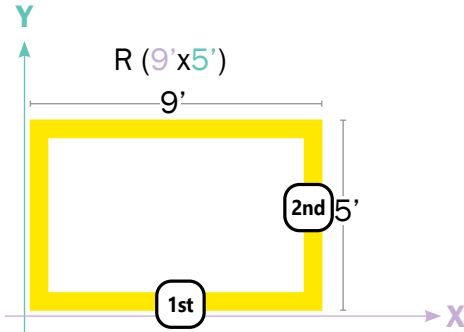
Note: The first number will always define the width, the second - the length.

Defining L shape

L (9'x5')

Defining U shape

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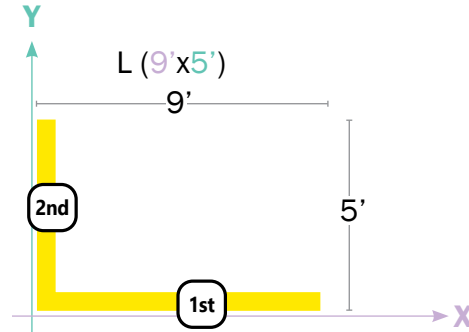
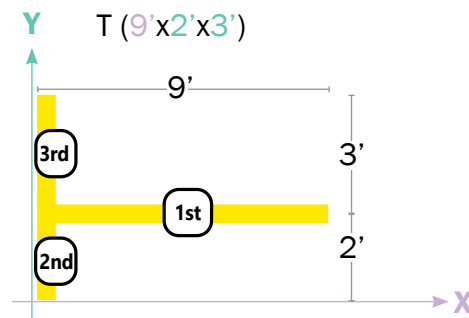**Note:** The first number will always define the right arm length, the second - the width, and the third - the left arm length.
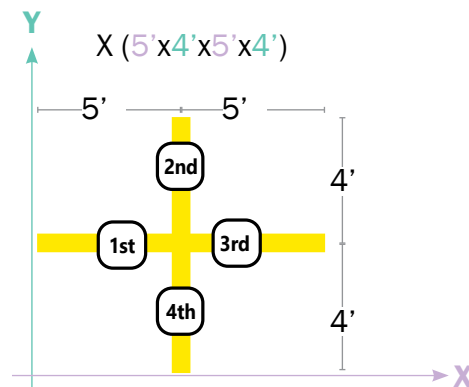
Defining T shape

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.
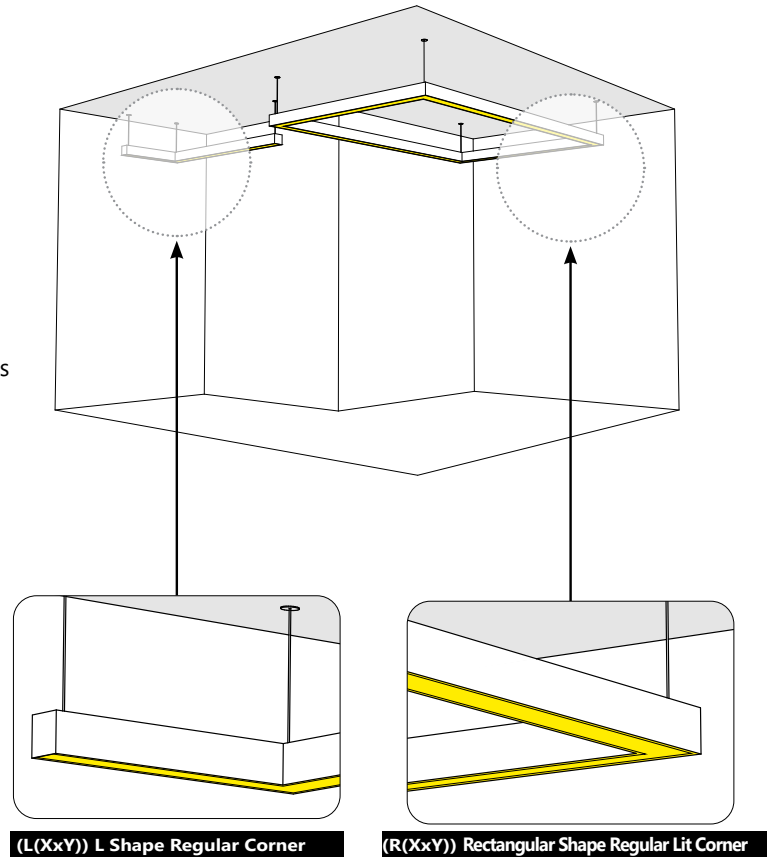
● **LIT CORNER FEATURES**

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 - 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.*

(L(XxY)) L Shape Regular Corner

(R(XxY)) Rectangular Shape Regular Lit Corner

March 15, 2024

FILE NAME:Beam2SquareLED Pendant LC I

axis
axislighting.com

● 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™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	**DALIDT6** - DALI Type 6 (Two DALI Addresses) **DALIDT8** - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers* 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, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

ⓘ 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 ᶜ(UL)ᵤₛ
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™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. 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).

axis
axislighting.com