BEAM 4
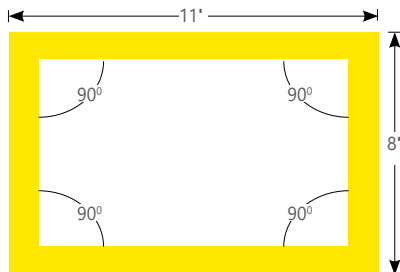
RECESSED MOUNT - REGULAR LIT CORNER PATTERNS

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

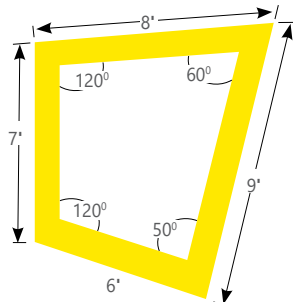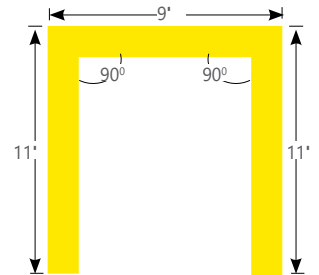| BBRLEDPAT | R (11'X8') |
| PRODUCT ID | PATTERNS AND LENGTH |

TOP VIEW - Rectangle Corner Pattern

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

TOP VIEW - Corner Pattern

| BBRLEDPAT | 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.
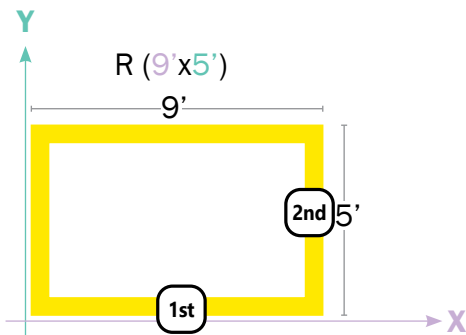
Ordering Guide

PRODUCT ID	PATTERNS (SELECT ONE)		CORNER DEGREES(OPT.)		LUMENS/FT		CRI	
BBRLEDPAT beam4led recessed	**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 **OPI(#)*** inside lit corner degrees* **OPO(#)*** outside lit corner degrees*		**400** 400 lm/ft - Minimum **1000** 1000 lm/ft - **max for GZ, NW, WW, ASO.*** **1200** 1200 lm/ft - Maximum		**80** 80 CRI **90** 90 CRI	
	*Comes in 90 degree only OPR corners.	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. * 1000 lm/ft max. only for GZ, NW, WW and ASO. Consult factory for outputs outside of the listed range.			

COLOUR TEMP.				SHIELDING		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER	
27 2700 K **30** 3000 K **35** 3500 K **40** 4000 K **B30** 3000 K - BIOS* **B35** 3500 K - BIOS* **B40** 4000 K - BIOS*		**TW2750** 2700-5000 K - Tunable White **TW2765** 2700-6500 K - Tunable White **BTW3527** 3500-2700 K - Tunable BIOS **BTW4027** 4000-2700 K - Tunable BIOS		**FL** flush **RG** regressed **0.25G** 0.25" Glo lens **0.5G** 0.5" Glo lens **1.5M** 1.5" StepLens, lum. end cap* **1.5P** 1.5" StepLens, opaque end cap* **UB** Ultra blend lens **ASO** asymmetric, flush only **BW** batwing, flush only **NW** narrow, flush only **GZ** graze, flush only **WW** wallwash, flush only		**NL** nominal **EX** exact		**W** white **BLK** black **C** custom		**120** 120V **277** 277V **347** 347V **UNV** universal **DC** low voltage*		**DP** dimming (0-10V) 1% **LT(#)** Lutron * **BI** bi-level dimming **O(#)** other ** **DPB(STC)** dimming (0-10V) 1% with BIOS* **DPB(DYN)** Bio-dimming™ 100%-81% with 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.				All lens options use spotless lens *See page 2-3 for more details						* Only available with POE drivers.		* Specify system, see page 3 ** Please consult factory; see page 3	

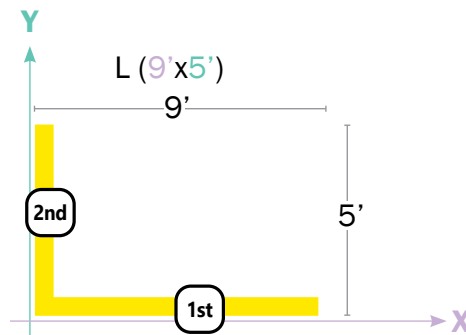| CIRCUITS		MOUNTING		BATTERY		OTHER		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
1 1 circuit **2** 2 circuits **+E(#)** emergency circuit * **+NL(#)** night light circuit * **+GTD(#)** generator transfer device *		**TB9** t-bar 9/16" **TB15** t-bar 15/16" **ST** screw slot t-bar **TG9** tegular 9/16" **TG15** tegular 15/16" **DF** drywall flange **D** drywall flangeless **DB** slip-through bracket **DS** drywall spackle flange		**B#** battery pack 4' sections		**EF** end feed **FW** flex whip (6' std)* **CP** Chicago plenum		**DS(#)** daylight sensor **OS(#)** occupancy sensor **DOS(#)** daylight & occupancy sensor **EN(#)** Enlighted integral * **ENR(#)** Enlighted remote * **WC(#)** wireless control dimming		**C** custom	
* 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.		Please specify	

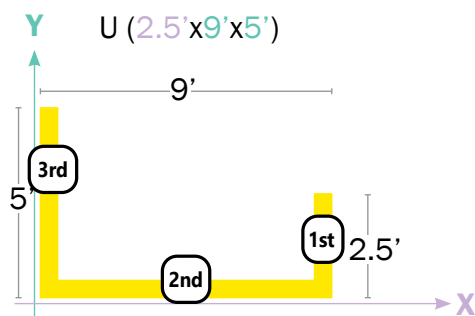## How to Specify 90 degree Corners and Patterns

Defining R - Rectangular shape

R (9'x5')

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

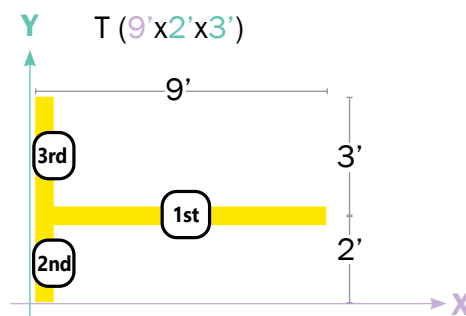### Defining L shape

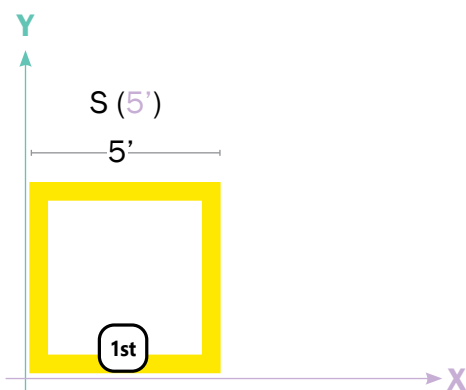**L (9'x5')**

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')

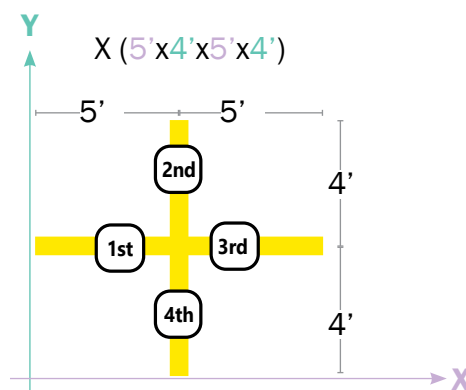**Note:** The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

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.

FILE NAME:Beam4LED Recessed LC

● *LIT CORNER FEATURES*

The Lit Corner system allows continuous illumination all the way through the corner section
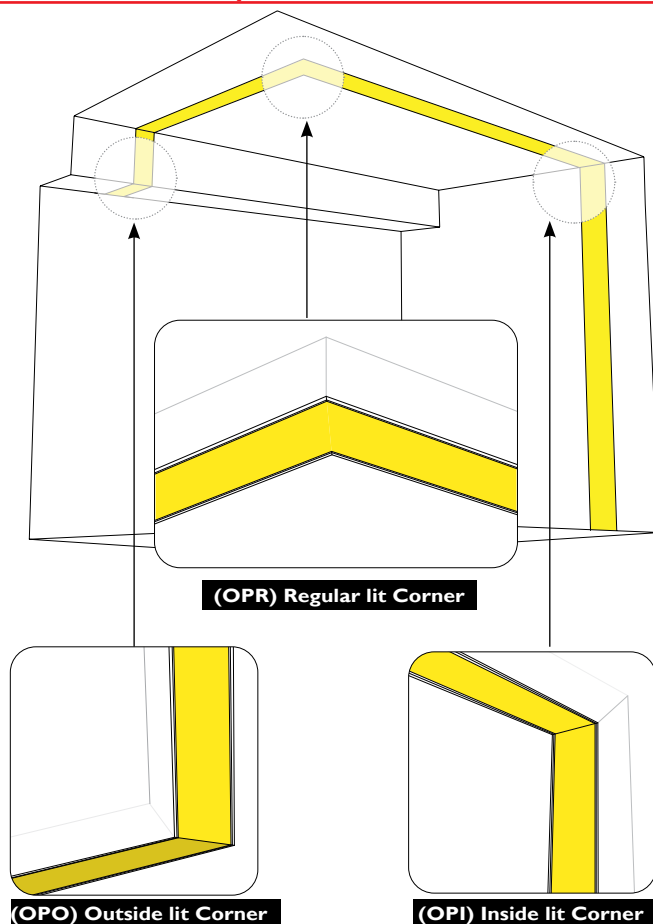
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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.*

(OPR) Regular lit Corner

(OPO) Outside lit Corner

(OPI) Inside lit Corner

FILE NAME:Beam4LED Recessed LC

● 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^{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 for indoor use only in operating ambient temperatures of 0-40^{0}C (32-104F).

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

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March 21, 2024

FILE NAME:Beam4LED Recessed LC

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