

# Beam 2 LED

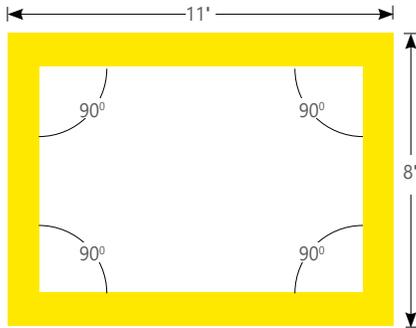
# WALL MOUNT - INDIRECT REGULAR LIT CORNER PATTERNS

Project \_\_\_\_\_

Type \_\_\_\_\_

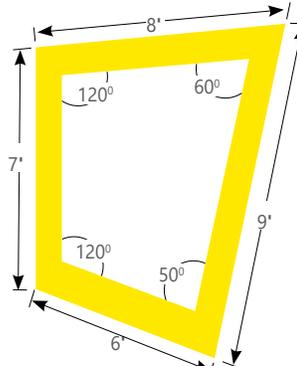
Notes \_\_\_\_\_

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



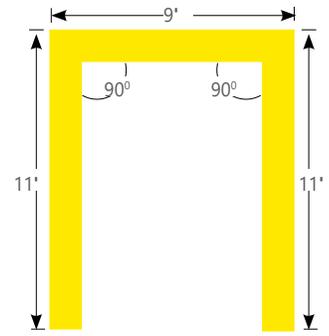
TB2WILEDPAT	R (11'X8')
PRODUCT ID	PATTERNS AND LENGTH

TOP VIEW - Rectangle Corner Pattern



TB2WILEDPAT	FF(30)	OPR(120+60+50+120)
PRODUCT ID	PATTERNS AND LENGTH	CORNER DEGREES

TOP VIEW - Corner Pattern



TB2WILEDPAT	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
TB2WILEDPAT Beam 2 Wall Indirect	<b>S(L)*</b> square shape (length) <b>R(LxL)*</b> rectangular shape (length) <b>U(LxLxL)*</b> U shape (length) <b>L(LxL)*</b> L shape (length) <b>T(LxLxL)*</b> T shape (length) <b>X(LxLxLxL)*</b> X shape (length)	<b>FF(L)</b> total pattern length  <b>OPR(#)</b> regular lit corner degrees <b>OPI(#)*</b> inside lit corner degrees* <b>OPO(#)*</b> outside lit corner degrees*	<b>300</b> 300 lm/ft-Min <b>1100</b> 1100 lm/ft-Max	<b>80</b> 80 CRI <b>90</b> 90 CRI

COLOR TEMP. (choose one)	SHIELDING INDIRECT	SPECIFY LENGTH	FINISH	VOLTAGE
<b>27</b> 2700 K <b>30</b> 3000 K <b>35</b> 3500 K <b>40</b> 4000 K <b>B30</b> 3000 K - BIOS* <b>B35</b> 3500 K - BIOS* <b>B40</b> 4000 K - BIOS*	<b>TW2750</b> 2700-5000 K - Tunable White <b>TW2765</b> 2700-6500 K - Tunable White <b>BTW3527</b> 3500-2700 K - Tunable BIOS <b>BTW4027</b> 4000-2700 K - Tunable BIOS <b>SO</b> spotless lens <b>SLA</b> surroundlite asymmetric <b>0.25G</b> 0.25" Glo lens	<b>NL</b> nominal <b>EX</b> exact	<b>AP</b> aluminum paint <b>W</b> white <b>BLK</b> black <b>C</b> custom	<b>120</b> 120V <b>277</b> 277V <b>347</b> 347V <b>UNV</b> universal <b>DC</b> low voltage*

Consult Axitone technical sheet for more information on color technology.  
\*Consult BIOS guide for more information on BIOS technology.

\* Only available with POE drivers.

DRIVER	CIRCUITS	BATTERY	OTHER	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
<b>DP</b> dimming (0-10V) 1% <b>LT(#)</b> Lutron* <b>BI</b> bi-level dimming <b>O(#)</b> other** <b>DPB(STC)</b> dimming (0-10V) 1% with BIOS* <b>DPB(DYN)</b> Bio-dimming™ 100%-81% with BIOS* <b>TW(#)</b> tunable white drivers* <b>POE(#)</b> POE drivers*	<b>1</b> 1 circuit <b>2</b> 2 circuits <b>+E(#)</b> emergency circuit * <b>+NL(#)</b> night light circuit * <b>+GTD(#)</b> generator transfer device *	<b>B(#)</b> battery pack 4' sections	<b>D</b> dust cover	<b>DS(#)</b> daylight sensor <b>OS(#)</b> occupancy sensor <b>DOS(#)</b> daylight & occupancy sensor <b>EN(#)</b> Enlighted integral * <b>ENR(#)</b> Enlighted remote * <b>WC(#)</b> wireless control dimming	<b>C</b> custom

\* Specify system, see page 3.  
\*\* Please consult factory

\* Specify quantity

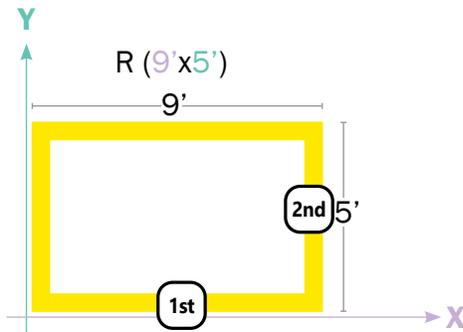
Requires 120V or 277V  
Please consult factory

\* Please consult factory  
See integrated controls guide for more details.

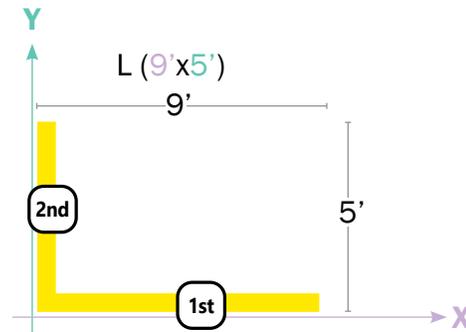
Please specify

## How to Specify 90 degree Corners and Patterns

### Defining R - Rectangular shape

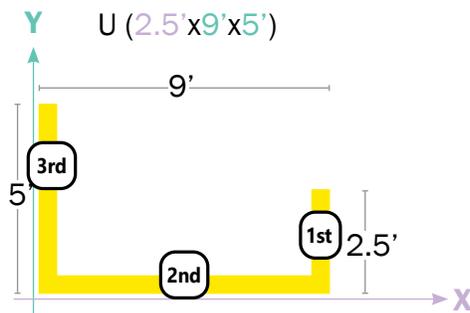


### Defining L shape



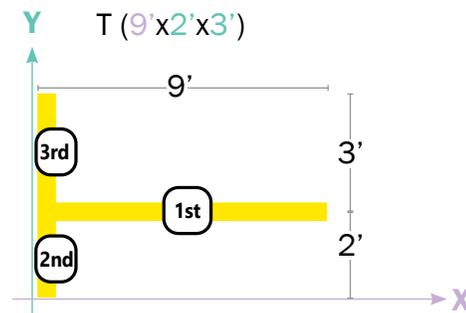
**Note:** The first number will always define the width, the second - the length.

### Defining U shape



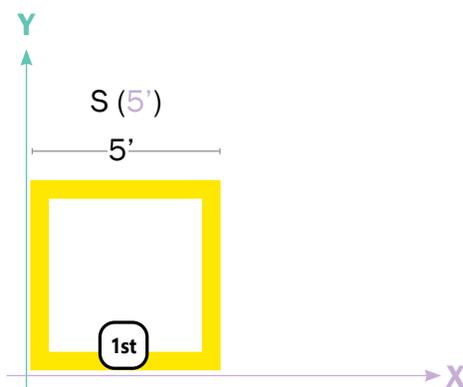
**Note:** The first number will always define the right arm length, the second - the width, and the third - the left arm length.

### Defining T shape



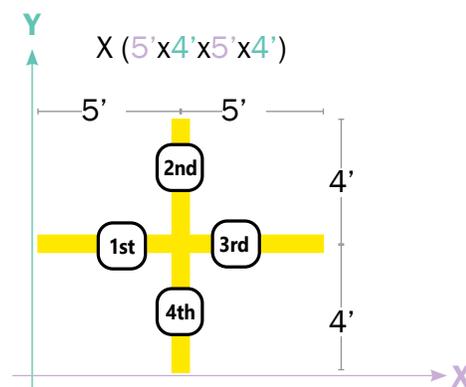
**Note:** The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

### 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

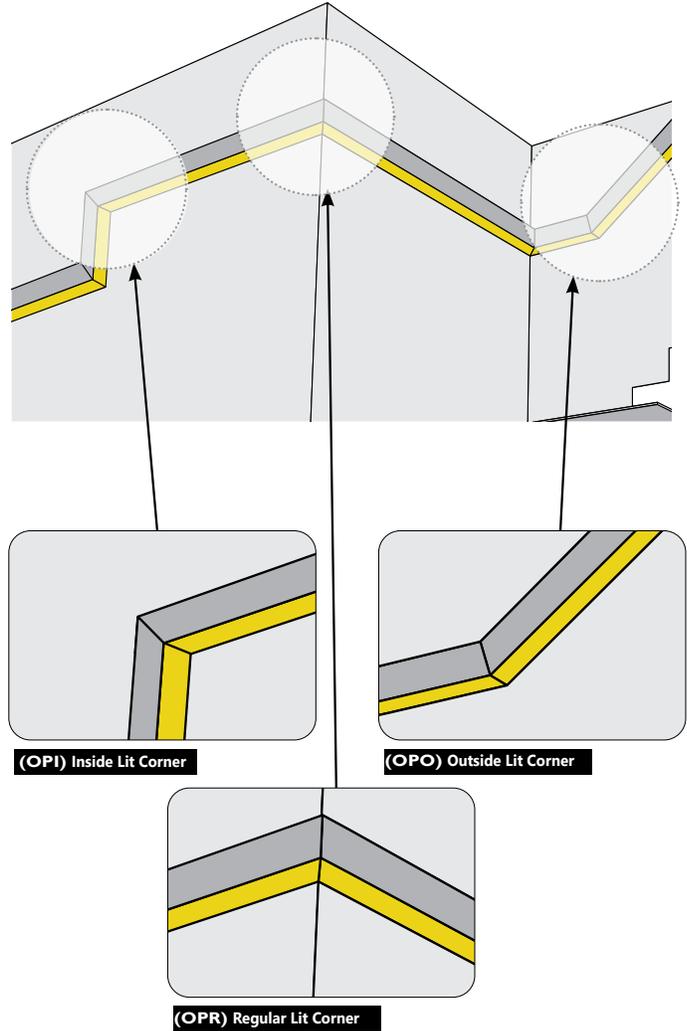
The Lit Corner system allows continuous illumination all the way through the corner section

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.

**Regular Illuminated Corner** - A fully illuminated corner that lies on the same plane. 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

<b>Lutron driver</b>	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
<b>Other drivers**</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
<b>BIOS DPB drivers*</b>	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.
<b>Tunable White TW drivers*</b>	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
<b>Power over Ethernet POE drivers*</b>	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
UL2108 certified for integral or remote driver	
<b>Emergency</b>	Integral emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV, DC.
<b>Flex Whip</b>	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](http://axislighting.com).

## APPROVALS

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

## LED SYSTEM

<b>CRI</b>	Minimum 80 or 90 color rendering index.
<b>CRI BIOS</b>	Minimum 80 color rendering index with R9>75 for all CCTs.
<b>CCT Single Color</b>	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.
<b>CCT BIOS</b>	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. <a href="#">Consult BIOS guide for more information on BIOS technology.</a>
<b>CCT Axitune Systems</b>	<a href="#">Consult Axitune technical sheet for more information on color technology.</a>
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal Management</b>	Aluminum housing acting as the heat sink to maximize life.
<b>Environment</b>	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104F).

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