

# Beam 2 Square

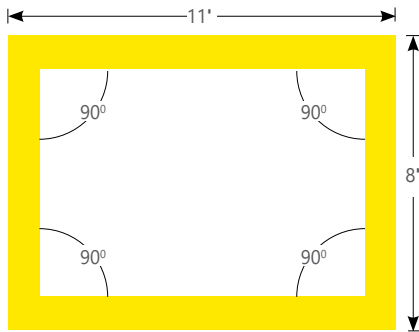
## PENDANT MOUNT - DIRECT REGULAR LIT CORNER PATTERNS

Project \_\_\_\_\_

Type \_\_\_\_\_

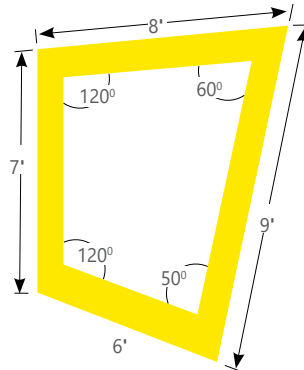
Notes \_\_\_\_\_

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



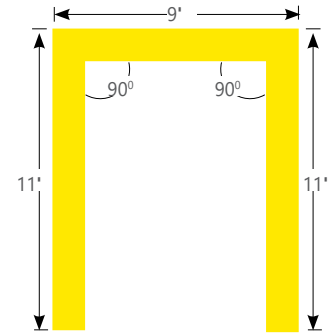
|             |                     |
|-------------|---------------------|
| B2SQDLEDPAT | R (11'X8')          |
| PRODUCT ID  | PATTERNS AND LENGTH |

TOP VIEW - Rectangle Corner Pattern



|             |                     |                    |
|-------------|---------------------|--------------------|
| B2SQDLEDPAT | FF(30)              | OPR(120+60+50+120) |
| PRODUCT ID  | PATTERNS AND LENGTH | CORNER DEGREES     |

TOP VIEW - Corner Pattern



|             |                     |
|-------------|---------------------|
| B2SQDLEDPAT | 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 DIRECT   | CRI  |                                      |
|----------------------------------|---|--|--|--|--------------------------------------|
| B2SQDLEDPAT Beam 2 Square Direct | <b>S(L)*</b> square shape (length)<br><b>R(LxL)*</b> rectangular shape (length)<br><b>U(LxLxL)*</b> U shape (length)<br><b>L(LxL)*</b> L shape (length)<br><b>T(LxLxL)*</b> T shape (length)<br><b>X(LxLxLxL)*</b> X shape (length) | <b>FF(L)</b> total pattern length<br><br>FREE FORM for various angles. Minimum 2'. | <b>OPR(#)</b> regular lit corner degrees<br><br>Specify for FF option only. Please confirm corner degrees. Min 30° | <b>400</b> 400 lm/ft - Min<br><b>750</b> 750 lm/ft - Max<br><b>1000</b> 1000 lm/ft - Max with Louver | <b>80</b> 80 CRI<br><b>90</b> 90 CRI |
|                                  | *Comes in 90 degree only.   |  | Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.         |  |                                      |

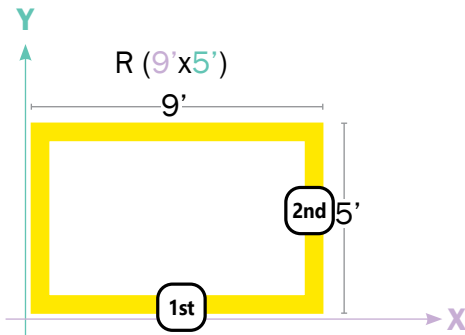
| COLOUR TEMP. | SHIELDING DIRECT   | SPECIFY LENGTH    | FINISH                   | VOLTAGE                           | DRIVER  |
|--------------|--|-------------------|--------------------------|-----------------------------------|---|
| 27 2700 K    | <b>SO</b> spotless lens  | <b>NL</b> nominal | <b>AP</b> aluminum paint | <b>120</b> 120V                   | <b>DP</b> dimming (0-10V) 1%  |
| 35 3500 K    | <b>L</b> louver *  | <b>EX</b> exact   | <b>W</b> white           | <b>277</b> 277V                   | <b>LT(#)</b> Lutron *   |
| 30 3000 K    | <b>0.25G</b> 0.25" Glo lens  |                   | <b>BLK</b> black         | <b>347</b> 347V                   | <b>BI</b> bi-level dimming  |
| 40 4000 K    | <b>UB</b> ultra blend lens   |                   | <b>C</b> custom          | <b>UNV</b> universal              | <b>O(#)</b> other **  |
|              | * Only available with 90° corners. Louver only available in 3' and 4' increment. |                   |                          | <b>DC</b> low voltage*            | <b>POE(#)</b> POE drivers*  |
|              |  |                   |                          | * 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) |
|--|---|--|--|--|-------------------|
| <b>1</b> 1 circuit<br><b>2</b> 2 circuits<br><b>+E(#)</b> emergency circuit *<br><b>+NL(#)</b> night light circuit *<br><b>+GTD(#)</b> generator transfer device * | <b>CA(L)</b> drywall+cable length (36"std)<br><b>CT9(L)</b> TB/TG 9/16+cable length (36" std.)<br><b>CT15(L)</b> TB/TG15/16+cable length (36" std.)<br><b>CTS(L)</b> ST+cable length (36" std.)<br><b>SA(L)</b> drywall+stem length>48 (18"std) | <b>B(#)</b> battery pack<br>4' sections      | <b>F</b> fuse *<br><b>D</b> dust cover | <b>DS(#)</b> daylight sensor<br><b>OS(#)</b> occupancy sensor<br><b>DOS(#)</b> daylight & occupancy sensor<br><b>EN(#)</b> Enlighted integral *<br><b>ENR(#)</b> Enlighted remote *<br><b>WC(#)</b> wireless control dimming | <b>C</b> custom   |
| * 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    |

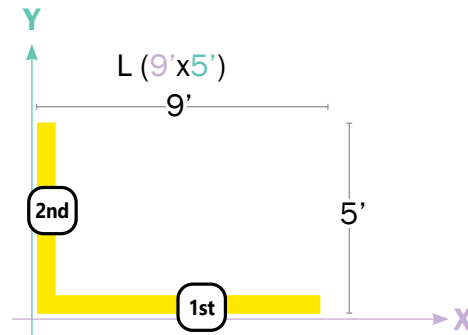
### How to Specify 90 degree Corners and Patterns

#### Example

##### Defining R - Rectangular shape

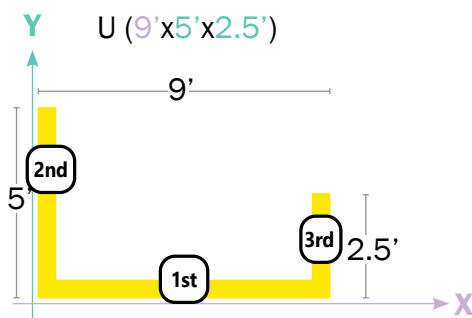


##### Defining L shape



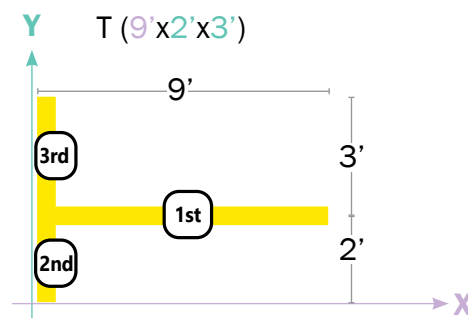
**Note:** The first number will always define the width, the second - the length.

##### Defining U shape



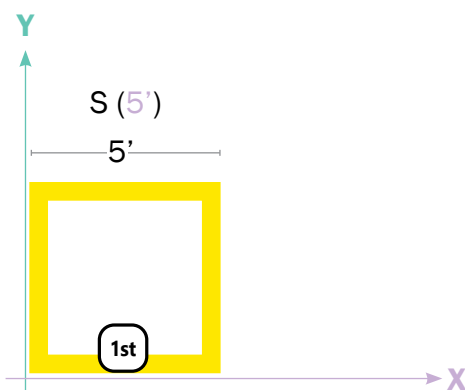
**Note:** The first number will always define the width, the second - the left arm length, and the third - the right arm length.

##### Defining T shape



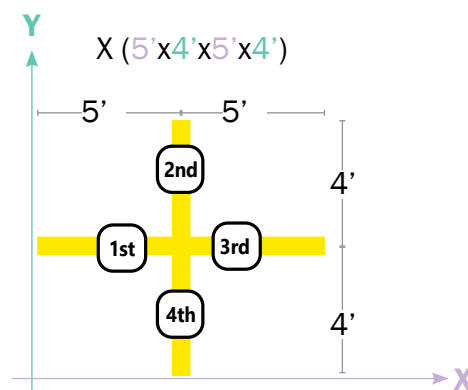
**Note:** The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

##### 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.

# Beam 2 Square

## PENDANT MOUNT - DIRECT REGULAR LIT CORNER PATTERNS

### ● LIT CORNER FEATURES

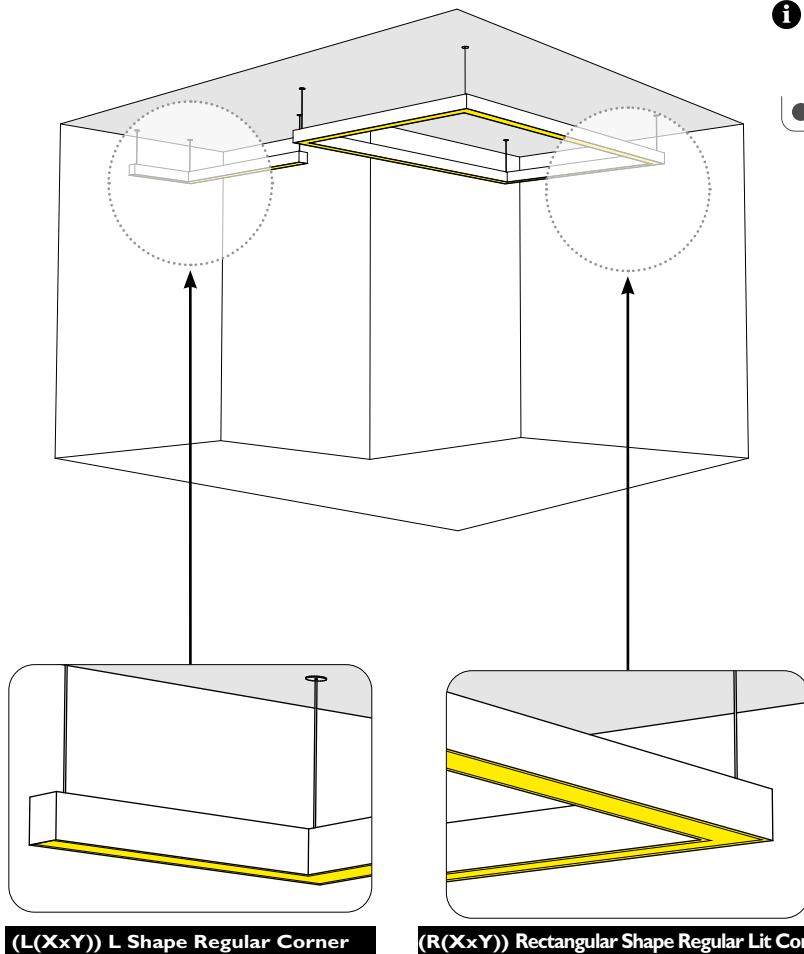
The Lit Corner system allows continuous illumination all the way through the corner section

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** - 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**

### ● ELECTRICAL

|   |  |
|---|--|
| <b>Lutron driver*</b>   | LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black<br>LDE5 - 5-Series EcoSystem<br>LTEA - Hi-lume 1% 2-wire (120V forward phase only)<br>*Consult factory |
| <b>Other drivers</b>  | DALI - Digital Addressable Lighting Interface<br>DMX - Digital Multiplex<br>LV - line voltage - Advance Mark 10<br>Xitanium SR - For wireless sensor           |
| <b>Power over Ethernet POE drivers* (consult factory for more information) UL2108 certified for integral or remote driver</b> | MOLEX<br>IGOR<br>O - Other (Consult factory)   |
| <b>Emergency</b>  | Integral emergency battery pack or emergency circuit optional.   |
| <b>Input Voltage</b>  | 120V, 277V, 347V, UNV.   |

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

### ● LED SYSTEM

|                           |   |
|---------------------------|---|
| <b>CRI</b>                | Minimum 80 or 90 color rendering index.   |
| <b>CCT</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>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 in operating ambient temperatures of 0-40°C (32-104F).   |
| <b>Louver LED</b>         | Individual LED cluster in each louver cell.   |

### ● WARRANTY

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.

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

