

# Beam 2 Square



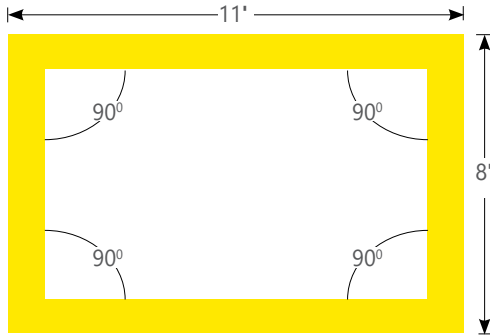
## RGB+W - RECESSED MOUNT REGULAR LIT CORNER PATTERNS

Project \_\_\_\_\_

Type \_\_\_\_\_

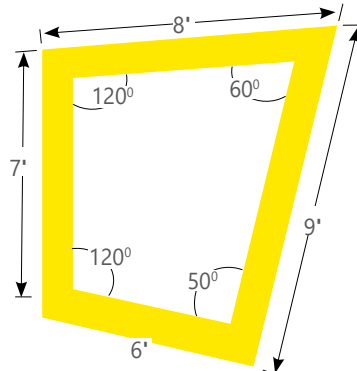
Notes \_\_\_\_\_

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



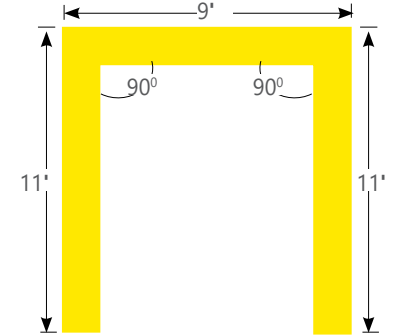
B2SQRLEDPAT	R (11'X8')
PRODUCT ID	PATTERNS AND LENGTH

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



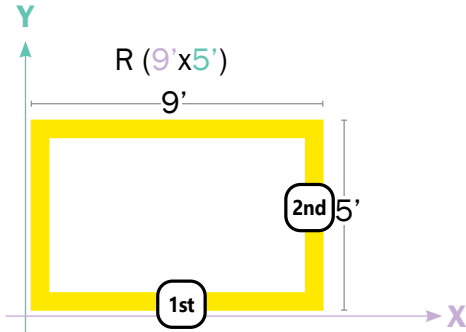
B2SQRLEDPAT	PATTERNS AND LENGTH (SELECT ONE)	CORNER DEGREES (OPT.)	NOM. LUM/FT DOWN	CRI	
<b>B2SQRLEDPAT</b> Beam 2 Square recessed patterns - RGB+W	<b>S(L)*</b> square shape (length) <b>R(LxL)*</b> rectangular shape (length) <b>U(LxLxL)*</b> U shape (length) <b>L(LxL)*</b> L shape (length) <b>T(LxLxL)*</b> T shape (length) <b>X(LxLxLxL)*</b> X shape (length)	<b>FF(L)</b> total pattern length  FREE FORM for various angles. 4 foot side minimum. 3" increments..	<b>OPR(#)</b> regular lit corner degrees <b>OPI(#)*</b> inside lit corner degrees* <b>OPO(#)*</b> outside lit corner degrees*	<b>1200</b> 1200 lm/ft <b>1000</b> 1000 lm/ft - for GZ, NW, BW	<b>90</b> high efficacy 90 CRI
	*Comes in 90 degree only. 4 foot side minimum. 3" increments.	Specify for FF option only. Please confirm corner degrees. Min 30° *Only available with SO, 0.25G, 1M direct shielding options			

COLOR TEMP. (choose one)	SHIELDING DIRECT	SPECIFY LENGTH	FINISH	VOLTAGE	CT(DMX) DRIVER	CIRCUITS
<b>CTRGBW30</b> RGB+30K White - Color Tuning <b>CTRGBW35</b> RGB+35K White - Color Tuning <b>CTRGBW40</b> RGB+40K White - Color Tuning	<b>SO</b> spotless lens <b>0.25G</b> 0.25" Glo lens <b>1M</b> StepLens , lum. end cap <b>ASO</b> asymmetric, flush only <b>BW</b> batwing, flush only <b>NW</b> narrow, flush only <b>GZ</b> graze, flush only <b>WW</b> wallwash, flush only	<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>UNV</b> universal	<b>CT(DMX)</b> color tuning driver	<b>1</b> 1 circuit <b>+E(#)</b> emergency circuit *
Available with CT(DMX) driver only.						* Specify quantity

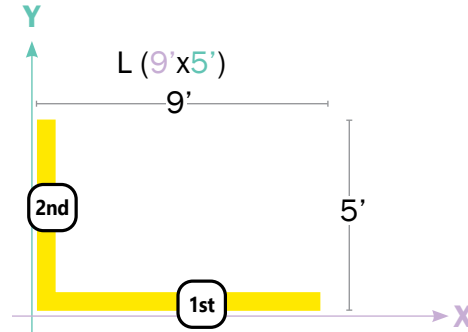
MOUNTING	CUSTOM (OPTIONAL)
<b>TB9</b> t-bar 9/16" <b>TB15</b> t-bar 15/16" <b>ST</b> screw slot t-bar <b>TG9</b> tegular 9/16" <b>TG15</b> tegular 15/16" <b>DF</b> drywall flange <b>D</b> drywall flangeless <b>DS</b> drywall spackle flange	<b>C</b> custom          Please specify

### How to Specify 90 degree Corners and Patterns

#### Defining R - Rectangular shape

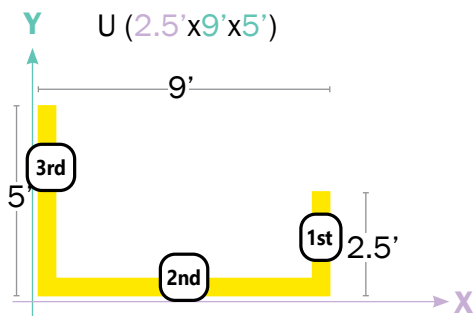


#### Defining L shape



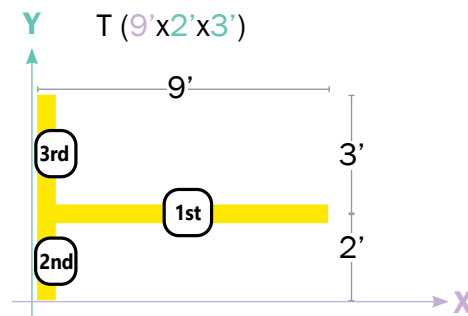
**Note:** The first number will always define the width, the second - the length.

#### Defining U shape



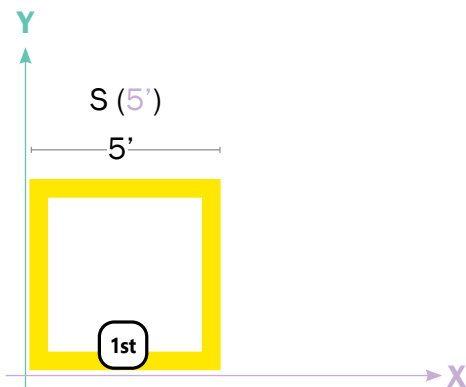
**Note:** The first number will always define the right arm length, the second - the width, and the third - the left arm length.

#### Defining T shape



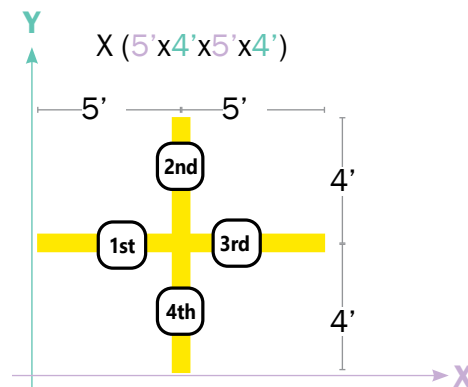
**Note:** The first number will always define the width, the second - the bottom arm length, and the third - the top arm length.

#### 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

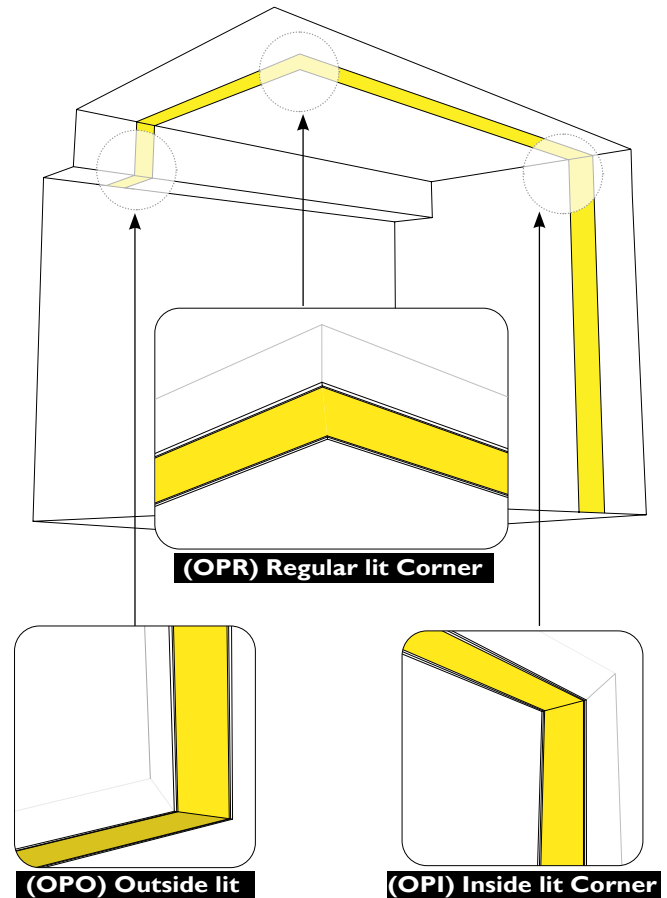
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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.**



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## RGB+W - RECESSED MOUNT REGULAR LIT CORNER PATTERNS

### ● ELECTRICAL

<b>Color Tuning CT driver</b>	DMX - Standard
<b>Emergency</b>	Emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 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>	High efficacy 90 color rendering index.
<b>CRI Color Tuning</b>	90 CRI for CTRGBW. <b>Note: RGB+W allows you to select the 'white point' (CCT) + CRI, delivering a more flexible and powerful white than standard RGBW.</b>
<b>CCT Color Tuning</b>	30 (3000K) 35 (3500K) 40 (4000K)
<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 -20° - +40°C (-4 - +104F).

### ● 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.



**Beam, Sculpt & Extend linear family  
Axis Lighting**

Final Assembly: Montreal, Quebec, Canada  
Life Expectancy: 20 Year(s)  
End of Life Options: Recyclable (87%), Landfill (12.5%)

**Ingredients:**  
Aluminum 6063; Polymethyl methacrylate; 18-8 Stainless Steel; Copper; Silicon; Polyester Resin; Bicyclo[2.2.1]hept-2-ene, 5-ethylidene-, polymer with ethene and 1-propene; Titanium dioxide; Ammonium polyphosphate; Calcium Carbonate; 1-Propene, homopolymer, isotactic; Proprietary (RLF) (< 0.065%); 1,3,5-Triglycidyl-s-triazinetrione; Barium sulfate

<sup>1</sup>LBC Temp Exception RL-004b - Proprietary Ingredients in Declare

**Living Building Challenge Criteria: Compliant**

**I-13 Red List:**  
 LBC Red List Free % Disclosed: 99.94% at 100ppm  
 LBC Red List Approved VOC Content: Not Applicable  
 Declared

**I-10 Interior Performance:** Not Applicable  
**I-14 Responsible Sourcing:** Not Applicable

AXS-0002  
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