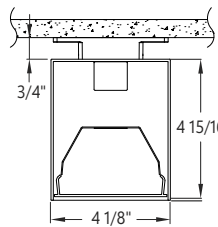


Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

SHIELDING  
DIRECT

## PERFORMANCE PER LINEAR FOOT AT 3500K, 80 CRI

NOMINAL LUMEN OUTPUT DOWN	INPUT WATTS*	EFFICACY	SHIELDING
1200 lm/ft	10.1 W/ft	111 lm/W	SO
1000 lm/ft	9.9 W/ft	100 lm/W	GZ
1000 lm/ft	9.8 W/ft	102 lm/W	WW
1000 lm/ft	9.8 W/ft	102 lm/W	ASO
1200 lm/ft	12 W/ft	100 lm/W	BW

\*Please consult factory for custom lumen output and wattage.



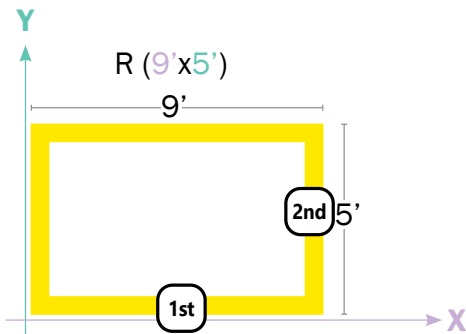
## Ordering Guide

EX4SPAT									
PRODUCT ID		PATTERNS (SELECT ONE)				CORNER QTY. (OPT.)		NOM. LUM/FT DOWN	
EX4SPAT	Extend 4 Surface Patterns	S(L)	square shape (length)*	FF(L)	total pattern length	OPR(#)	regular lit 90 degree corner, specify qty.	400	400 lm/ft - Min.
		R(LxL)	rectangular shape (length)*					1000	1000 lm/ft - Max for GZ, WW, ASO.*
		U(LxLxL)	U shape (length)*						
		L(LxL)	L shape (length)*						
		WC(LxL)	wall-to-ceiling (length)**						
		*Comes in 90 degree only OPR corners. ** 90 degree OPI corner		FREE FORM for 90 degree angles. Minimum 2'.		Specify for FF option only. *Only available with SO shielding option.		Outputs between listed min and max are available. * 1000 lm/ft max. only for GZ, WW and ASO. Consult factory for outputs outside of the listed range.	

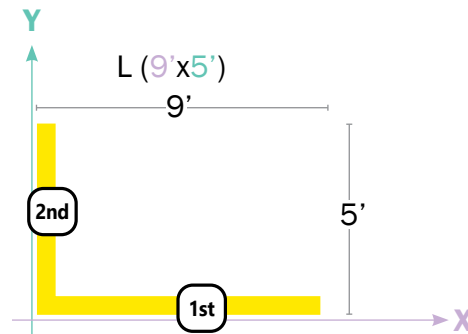
CRI		COLOR TEMP. (choose one)		SHIELDING DOWN		FINISH		VOLTAGE		DRIVER		CIRCUITS		
80	80 CRI	27	2700 K	SO	spotless lens	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit	
90	90 CRI	30	3000 K	GZ	Graze	W	white	277	277 V		temp. range -22°F - +104°F (-30°C - +40°C)	2	2 circuits	
		35	3500 K	WW	Wallwash	BLK	black	347	347 V*	DPX	dimming (0-10V) 1%, extended	+E(#)	emergency circuit*	
		40	4000 K	ASO	Asymmetric	C	custom	UNV	universal		temp. range -40°F - +122°F (-40°C - +50°C)	+NL(#)	night light circuit*	
		50	5000 K	BW	Batwing					LT(#)	Lutron*	+GTD(#)	generator transfer device* **	
										BI	bi-level dimming			
										O(#)	other*			
									*Remote surge protection device only.			Integral drivers standard, remote drivers available for environments outside of driver operating temperature range or where fixture access may be limited. See page 3 for more details. * Please consult factory; see page 3.		
												*Specify quantity. Minimum 3ft fixture length. ** 120V and 277V only. Please specify.		

## How to Specify 90 degree Corners and Patterns

### Defining R - Rectangular shape

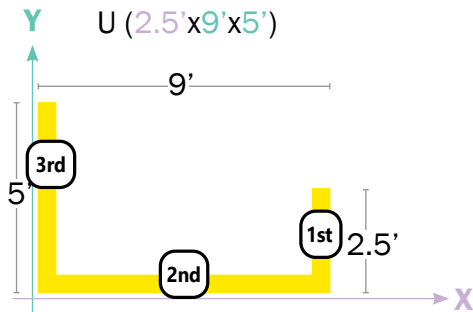


### Defining L shape



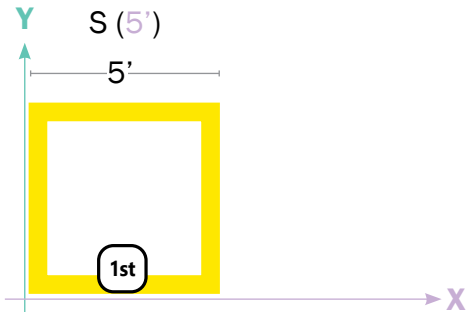
**Note:** The first number will always define the width, the second - the length.

### Defining U shape



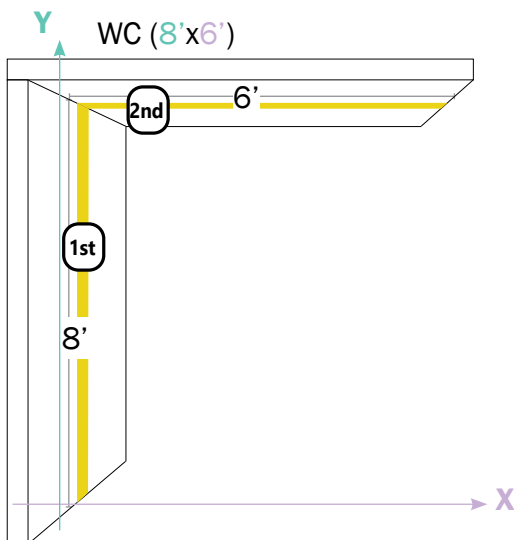
**Note:** The first number will always define the right arm length, the second - the width, and the third - the left arm length.

### Defining S - Square shape



**Note:** The number will define the width. (All sides are the same length).

### Defining Wall-to-Ceiling



**Note:** The first number will always define the vertical arm length, the second - the horizontal arm length.

## CONSTRUCTION

<b>Housing</b>	Extruded aluminum (0.08" nominal) Up to 70% recycled content
<b>End Cap</b>	Cast aluminum
<b>Interior Brackets</b>	Die formed sheet steel (18 gauge)
<b>Gaskets</b>	Silicone rubber
<b>Lens Gaskets</b>	Extruded elastomer
<b>Lens</b>	Extruded acrylic
<b>Fasteners</b>	All external fasteners are tamper proof TORX T20

## OPTICS



<b>SO</b>	Spotless lens;
<b>ASO</b>	Asymmetric Spotless lens;
<b>WW</b>	Wallwash;
<b>BW</b>	Batwing;
<b>GZ</b>	Graze.

Impact modified PMMA lens used for all shielding options.

## WEIGHT

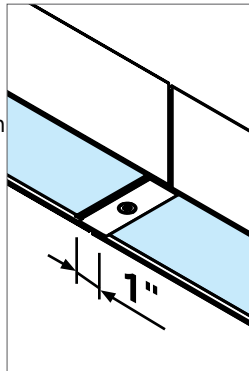
<b>4 ft</b>	13 lbs / 5.9 kg
<b>8 ft</b>	26 lbs / 11.8 kg
<b>12 ft</b>	39 lbs / 17.7 kg

## FINISH

Powder coated, custom finishes are available.

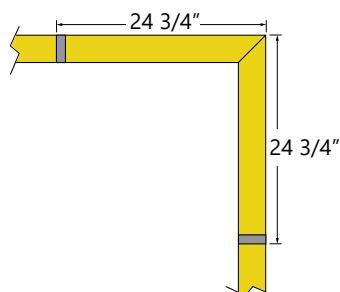
## SYSTEM (S(L))

Lengths of 2'-12' standalone are available. Runs of EXTEND 4 that are greater than 12' in length are designated as systems (S(L)). System runs are comprised of a combination of 4' to 8' sections to be assembled on site using our joining system which includes a 1" sealed joiner plate. For more information on systems and joining, please refer to the EXTEND 4 installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).



## CORNERS

2x2 feet preassembled corner module with 1" sealed joiner plate.



## ELECTRICAL

<b>DP</b>	0-10V dimming driver. Ambient operating temperature -22°F - 104°F (-30°C - +40°C)
<b>DPX</b>	0-10V dimming driver with extended temperature range -40°F - 122°F (-40°C - +50°C)
<b>Lutron driver</b>	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black (min ambient operating temperature - 32°F (0°C)).
<b>Other drivers</b>	DALI* - Digital Addressable Lighting Interface DMX* - Digital Multiplex Xitanium SR* - For wireless sensor

\* Ambient operating range: -4°F - 104°F (-20°C - +40°C)

<b>Emergency</b>	B(#) Integral Emergency Battery pack, 3ft minimum. Ambient operating temperature -4°F - 122°F (-20°C to 50°C) for 120V to 277V; 32°F - 122°F (0°C to 50°C) for 347V BR(#) Remote emergency battery pack operating temperature range -4°F - 122°F (-20°C - +50°C) for 120V to 277V; 32°F - 122°F (0°C - +50°C) for 347V.
<b>Input Voltage</b>	120V, 277V, 347V, UNV.
<b>Surge Protection</b>	Extend comes standard with surge protection device.

**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 Single Color</b>	Choice of 2700K, 3000K, 3500K, 4000K and 5000K 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 wet location rated IP66 for outdoor or indoor use. Impact resistant rated IK10. For extreme temperature environments, please contact factory. Remote drivers available for environments outside of driver operating temperature range or where fixture access may be limited. Ambient operating temperature range for fixtures with remote drivers -40°F to +167°F (-40°C - +75°C).

## APPROVALS

Certified wet locations to UL and CUL standards. IP66 and IK10 rated.

## 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).

### ● LIT CORNER FEATURES

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

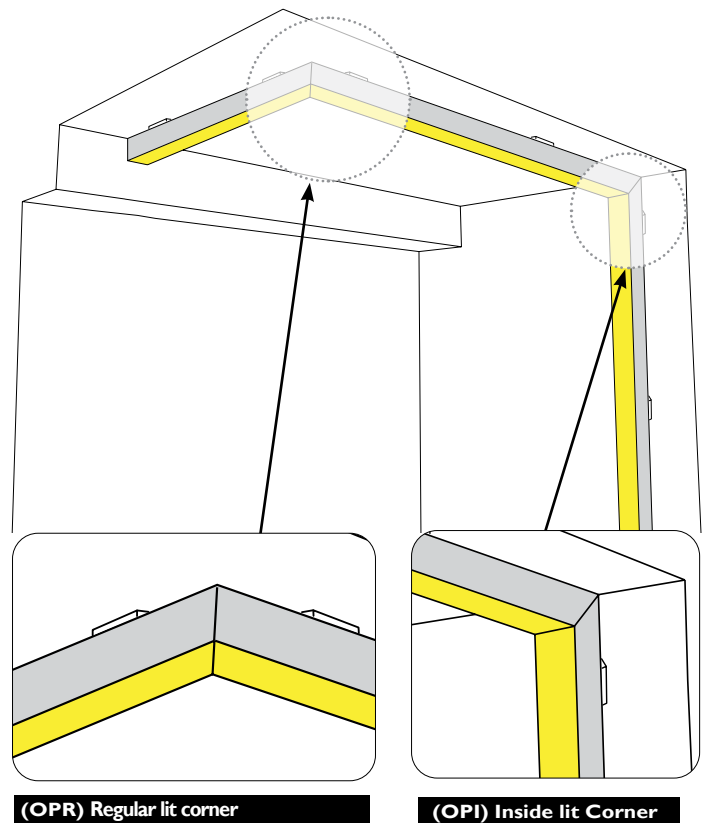
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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 two types of illuminated corner available:

1. **Regular Illuminated Corner (OPR)** - This is a fully illuminated 90 degree corner that lies in the same plane, for example, the ceiling or wall.
2. **Inside Illuminated Corner (OPI)**. 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).

**TIP:** Provide sketches illustrating corner types and locations required.





A large grid of squares, intended for drawing corner patterns. The grid is composed of 30 columns and 30 rows of squares, providing a space for technical drawings.