

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

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

NOMINAL LUMEN OUTPUT UP	NOMINAL LUMEN OUTPUT DOWN	INPUT WATTS*	EFFICACY	SHIELDING
1200 lm/ft		8.5 W/ft	140 lm/W	CL
1200 lm/ft		9.1 W/ft	132 lm/W	ASO
	1000 lm/ft	9.8 W/ft	101 lm/W	SO
	750 lm/ft	7.2 W/ft	103 lm/W	GZ
	750 lm/ft	7.4 W/ft	101 lm/W	ASO

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

## Ordering Guide



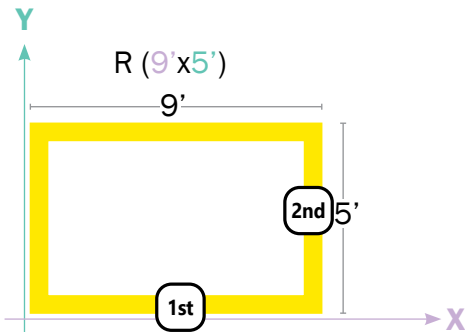
PRODUCT ID	PATTERNS (SELECT ONE)	CORNER QTY. (OPT.)	NOM. LUM/FT UP Skip selection for EX2WDPAT
EX2WDIPAT Extend 2 Wall Direct / Indirect Patterns	S(L) square shape (length)* R(LxL) rectangular shape (length)* U(LxLxL) U shape (length)* L(LxL) L shape (length)*	FF(L) total pattern length	300 300 lm/ft - min 1400 1400 lm/ft - max
EX2WDPAT Extend 2 Wall Direct Patterns		OPR(#) regular lit 90 degree corner, specify qty.	
EX2WIPAT Extend 2 Wall Indirect Patterns			
*Comes in 90 degree only OPR corners. Corners are direct only. Can also be combined with linear direct/indirect or indirect.		FREE FORM for 90 degree angles. Minimum 2'.	Specify for FF option only.
			Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.

NOM. LUM/FT DOWN Skip selection for EX2WIPAT	CRI	COLOR TEMP. (choose one)	SHIELDING UP Skip selection for EX2WDPAT	SHIELDING DOWN Skip selection for EX2WIPAT	FINISH	VOLTAGE	DRIVER
300 300 lm/ft - min	80 80 CRI	27 2700 K	CL Clear lens	SO spotless lens	AP aluminum paint	120 120 V	DP dimming (0-10V) 1% temp. range -22°F - +104°F (-30°C - +40°C)
750 750 lm/ft - max for GZ, ASO*	90 90 CRI	30 3000 K	ASO Asymmetric	GZ Graze	W white	277 277 V	DPX dimming (0-10V) 1%, extended temp. range -40°F - +122°F (-40°C - +50°C)**
1000 1000 lm/ft - max		35 3500 K		ASO Asymmetric	BLK black	347 347 V*	LT(#) Lutron* **
		40 4000 K			C custom	UNV universal	BI bi-level dimming**
		50 5000 K					O(#) other* **
Outputs between listed min and max are available. * 750 lm/ft max. only for GZ, and ASO. Consult factory for outputs outside of the listed range.						*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. **Remote only with EX2WDIPAT.

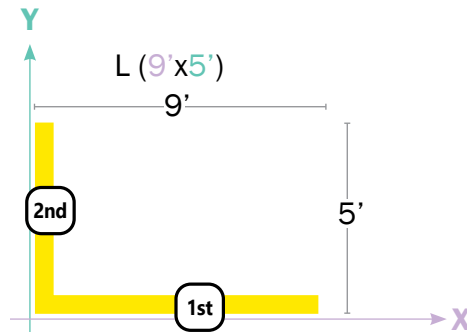
CIRCUITS	MOUNTING	BATTERY (OPTIONAL)	OTHER (OPT.)	CUSTOM (OPT.)
1 1 circuit 2 2 circuits +E(#) emergency circuit* +NL(#) night light circuit* +GTD(#) generator transfer device* **	WB wall bracket	B(#) battery pack (integral)* BR(#) battery pack (remote)**	+TF top feed* +EF end feed* +N natatorium finish	C custom
*Specify quantity. Minimum 3ft fixture length. ** 120V and 277V only. Please specify.		*Minimum 3ft; **Dry or damp location. Please consult factory.	* See page 3 for more details.	Please specify

## How to Specify 90 degree Corners and Patterns

### Defining R - Rectangular shape

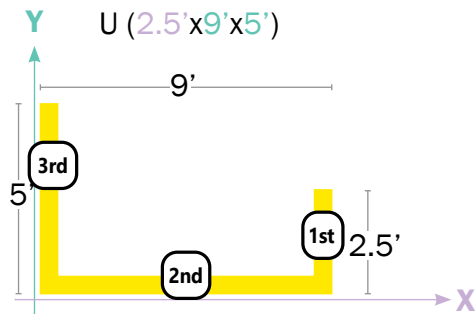


### Defining L shape



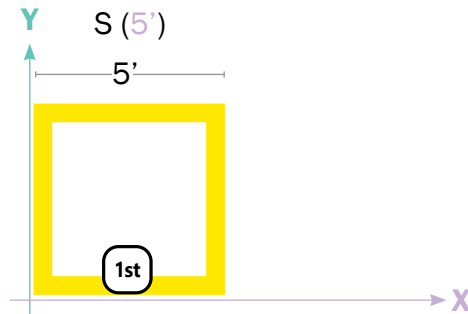
**Note:** The first number will always define the width, the second - the length.

### 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 S - Square shape



**Note:** The number will define the width. (All sides are the same 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 T15

## OPTICS

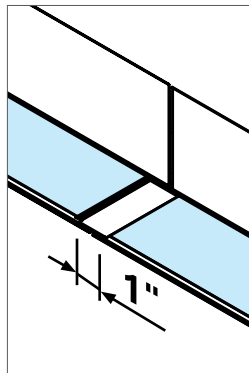


**SO** Spotless lens;  
**ASO** Asymmetric Spotless lens;  
**GZ** Graze.

Impact modified PMMA lens used for all shielding options.

## SYSTEM (S(L))

Lengths of 2'-12' standalone are available. Runs of EXTEND 2 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 2 installation sheets available for download at [www.axislighting.com](http://www.axislighting.com).



## WEIGHT

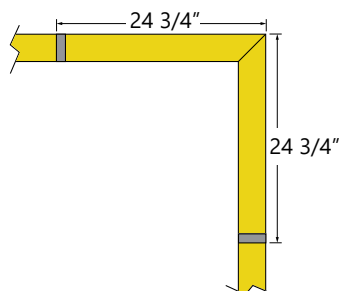
<b>4 ft</b>	9 lbs / 4.1 kg
<b>8 ft</b>	18 lbs / 8.2 kg
<b>12 ft</b>	27 lbs / 12.3 kg

## FINISH

Powder coated, custom finishes are available.

## CORNERS

2x2 feet pre-assembled corner module, direct only. Also can be combined with direct/indirect or indirect linear sections of various lengths.



## 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>B(#)</b> Integral Emergency Battery pack, 3ft minimum. Ambient operating temperature -4°F - 122°F (-20° to 50°C) for 120V to 277V; 32°F - 122°F (0°C to 50°C) for 347V <b>BR(#)</b> 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.

**Surge Protection** 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

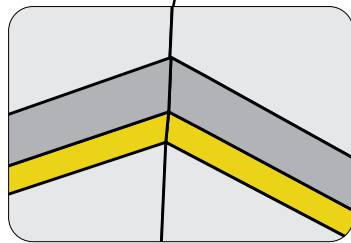
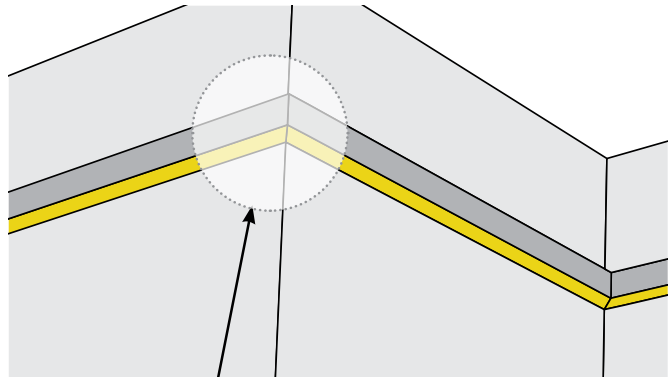
The Lit Corner system allows continuous illumination all the way through the corner section

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.

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

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



Regular Lit Corner



A large grid of 30 columns and 40 rows, intended for drawing corner patterns. The grid lines are thin and light gray.