

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K, 80 CRI

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
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
1000 lm/ft	9.7 W/ft	102 lm/W	BW
750 lm/ft	7.4 W/ft	101 lm/W	WW

*Please consult factory for custom lumen output and wattage.



Ordering Guide

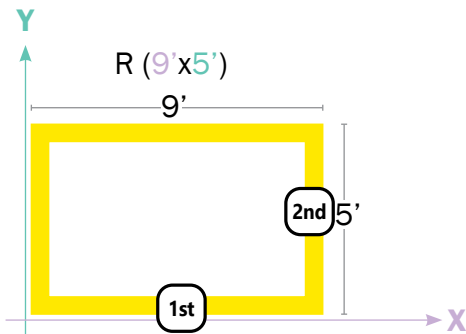
EX2RPAT		PATTERNS (SELECT ONE)		CORNER QTY. (OPT.)		NOM. LUM/FT DOWN	
PRODUCT ID							
EX2RPAT	Extend 2 Recessed Patterns	S(L) square shape (length)* R(LxL) rectangular shape (length)* U(LxLxL) U shape (length)* L(LxL) L shape (length)* WC(LxL) wall-to-ceiling (length)**	FF(L) total pattern length	OPR(#) regular lit 90 degree corner, specify qty. OPI(#) inside lit 90 degree corner, specify qty. *		300 300 lm/ft - min 750 750 lm/ft - max for GZ, WW, ASO* 1000 1000 lm/ft - max	
		*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. * 750 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% temp. range -22°F - +104°F (-30°C - +40°C)	1 1 circuit
90	90 CRI	30 3000 K	GZ Graze	W white	277 277 V	DPX dimming (0-10V) 1%, extended temp. range -40°F - +122°F (-40°C - +50°C)	2 2 circuits
		35 3500 K	WW Wallwash	BLK black	347 347 V*		+E(#) emergency circuit*
		40 4000 K	ASO Asymmetric	C custom	UNV universal	LT(#) Lutron*	+NL(#) night light circuit*
		50 5000 K	BW Batwing			BI bi-level dimming	+GTD(#) generator transfer device* **
						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.

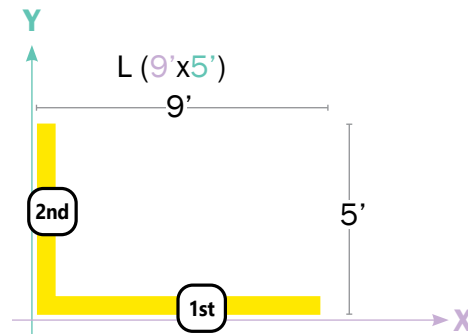
MOUNTING	BATTERY (OPTIONAL)	IC CONTROLS (OPTIONAL)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
D flangeless DF flange DS drywall spackle flange	B(#) battery pack (integral)* BR(#) battery pack (remote)**	OS(#) occupancy sensor DOS(#) daylight & occupancy sensor	+TF top feed* +EF end feed* +N natatorium finish	C custom
		*Minimum 3ft; **Dry or damp location. Please consult factory.		See integrated controls guide for further details Please consult factory
		7/8" diameter top power feed hole provided standard. See page 3 for more details. * Comes with liquid tight connector and 10ft of plenum rated power cable. See page 3 for more details. Not available for 347 V.		Please specify

How to Specify 90 degree Corners and Patterns

Defining R - Rectangular shape

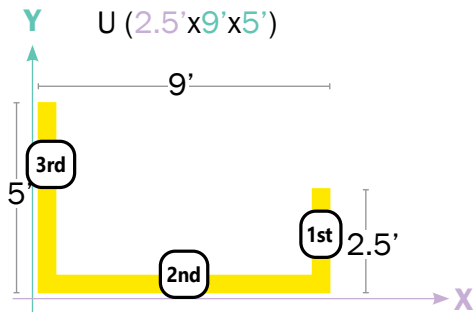


Defining L shape



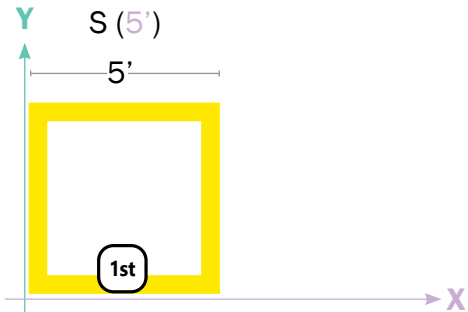
Note: The first number will always define the width, the second - the length.

Defining U shape



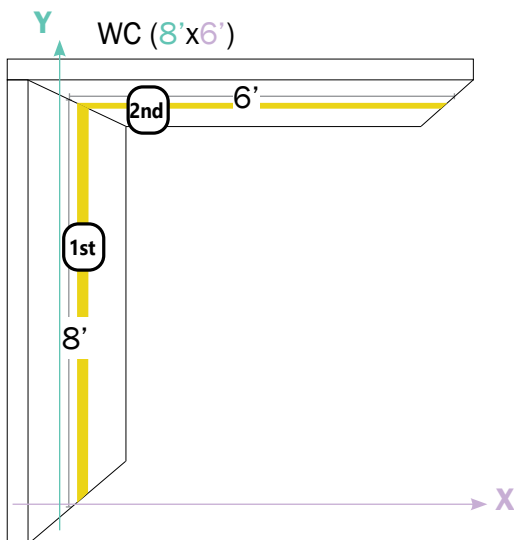
Note: The first number will always define the right arm length, the second - the width, and the third - the left arm length.

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

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

● OPTICS



SO	Spotless lens;
ASO	Asymmetric Spotless lens;
WW	Wallwash;
BW	Batwing;
GZ	Graze.

Impact modified PMMA lens used for all shielding options.

● WEIGHT

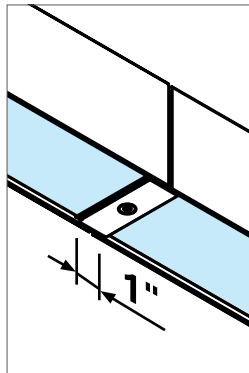
Recessed 4 ft	9 lbs / 4.1 kg
Recessed 8 ft	18 lbs / 8.2 kg
Recessed 12 ft	27 lbs / 12.3 kg

● FINISH

Powder coated, custom finishes are available.

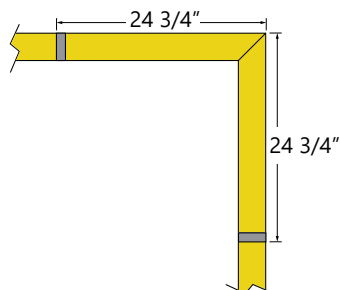
● SYSTEM (S(L))

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.



● CORNERS

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



● ELECTRICAL

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

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

Emergency	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.
Input Voltage	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

CRI	Minimum 80 or 90 color rendering index.
CCT Single Color	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.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	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.

● LIT CORNER FEATURES

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

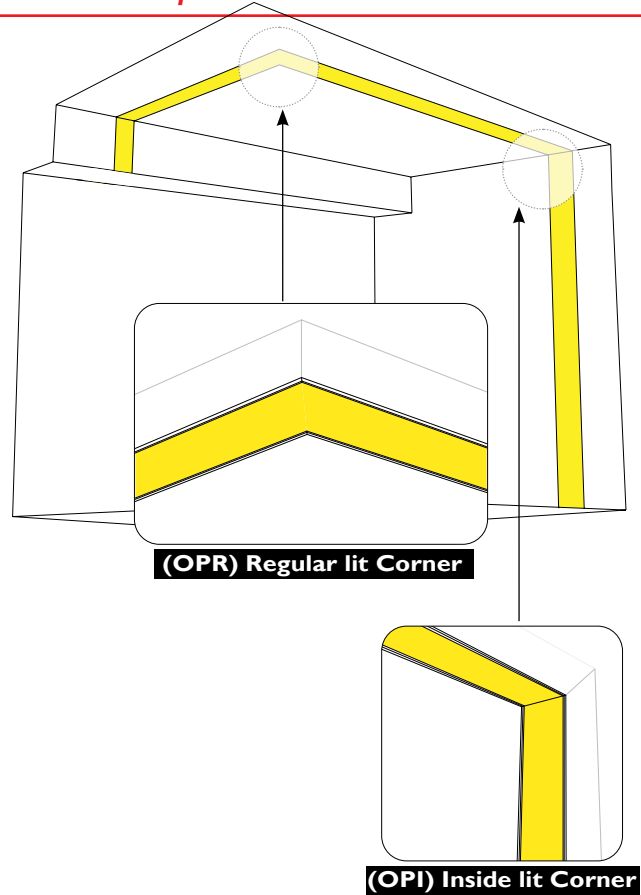
To optimize corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.

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 30 columns and 30 rows of squares, intended for drawing corner patterns. The grid is composed of thin gray lines on a white background.