Project _____

Type _____

Notes _____

_____

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

TOP VIEW - Rectangle Corner Pattern
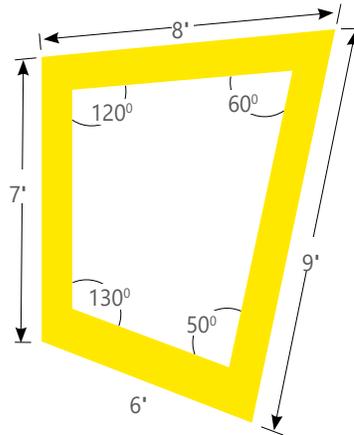
PRODUCT ID	PATTERNS AND LENGTH	CORNER DEGREES
BRLEDPAT	FF	CD(120+60+50+130)

TOP VIEW - Corner Pattern
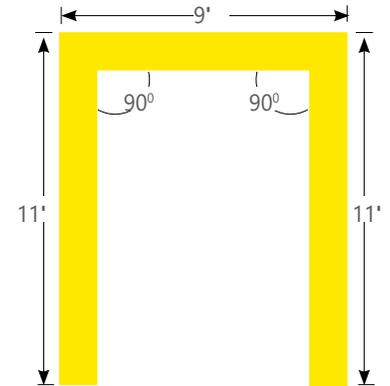
PRODUCT ID	PATTERNS AND LENGTH
BBRLEDPAT	U (9'X11'X11')

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 (SELECT ONE)				CORNER DEGREES(OPT.)		LUMENS/FT	
BRLEDPAT	beam2led recessed *	R(#x#)*	rectangular shape (length)	FF	other shape regular lit corners	CD(#)	corner degrees	400	400 lm/ft - Minimum
BMRLEDPAT	beam3led recessed	U(#x#x#)*	U shape (length)					1000	1000 lm/ft - Maximum
BBRLEDPAT	beam4led recessed	L(#x#)*	L shape (length)						
B6RLEDPAT	beam6led recessed								
* Flush only.		*Comes in 90 degree only.				Specify for FF option only. Min 45°.		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.	

CRI		COLOUR TEMP.		SHIELDING		SHIELDING POSITION		LENGTH/FT		SPECIFY LENGTH		FINISH		VOLTAGE		DRIVER	
80	80 CRI	27	2700 K	SO	spotless lens	FL	flush	#	total pattern length	NL	nominal	W	white	120	120V	DP	dimming (0-10V) 1%
90	90 CRI	35	3500 K	L	louver *	RG	regressed			EX	exact	C	custom	277	277V	LT(#)	Lutron *
		30	3000 K	0.25G	0.25" Glo lens									347	347V	BI	bi-level dimming
		40	4000 K	1.25M	1.25" Step lens, lum. end cap**									UNV	universal	O(#)	other **
				1.5M	1.5" Step lens, lum. end cap***									DC	low voltage*	POE(#)	POE drivers*
				*Only avalable with Beam 2 **Only avalable with Beam 3 ***Only avalable with Beam 4										* Only available with POE drivers.		* Specify system, see page 3 ** Please consult factory; see page 3	

CIRCUITS		MOUNTING		BATTERY		OTHER		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
1	1 circuit	TB9	t-bar 9/16"	B#	battery pack 4' sections	F	fuse *	DS#	daylight sensor	C	custom
2	2 circuits	TB15	t-bar 15/16"			EF	end feed	OS#	occupancy sensor		
+E(#)	emergency circuit *	ST	screw slot t-bar			FW(#)	flex whip (6' std)	DOS#	daylight & occupancy sensor		
+NL(#)	night light circuit *	TG9	tegular 9/16"			CP	Chicago plenum	EN#	Enlighted integral *		
+GTD(#)	generator transfer device *	TG15	tegular 15/16"					ENR#	Enlighted remote *		
		DF	drywall flange					WC#	wireless control dimming		
		D	drywall flangeless								
		DB	slip-through bracket								
		DS	drywall spackle flange								
* 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	

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

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June 23, 2020

FILE NAME:BeamLED Recessed LC

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# How to Specify 90 degree Corners and Patterns

Example

Defyning R - Rectangular shape and L shape
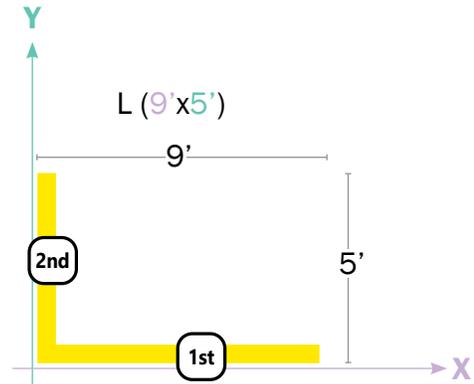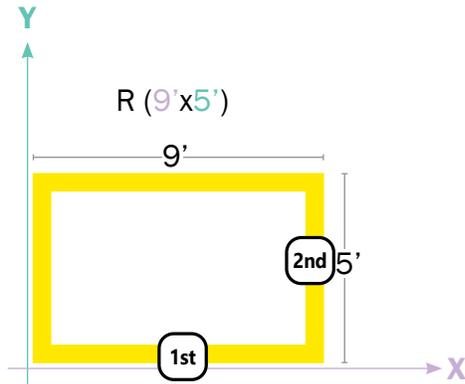
Note: The first number will always define the width, the second - the length.

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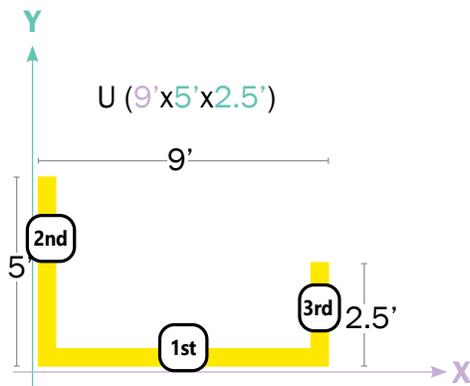
Note: The first number will always define the width, the second - the left arm length, and the third - the right arm length.

BEAMLED

● 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.

Regular lit Corner

Outside lit Corner

Inside lit Corner
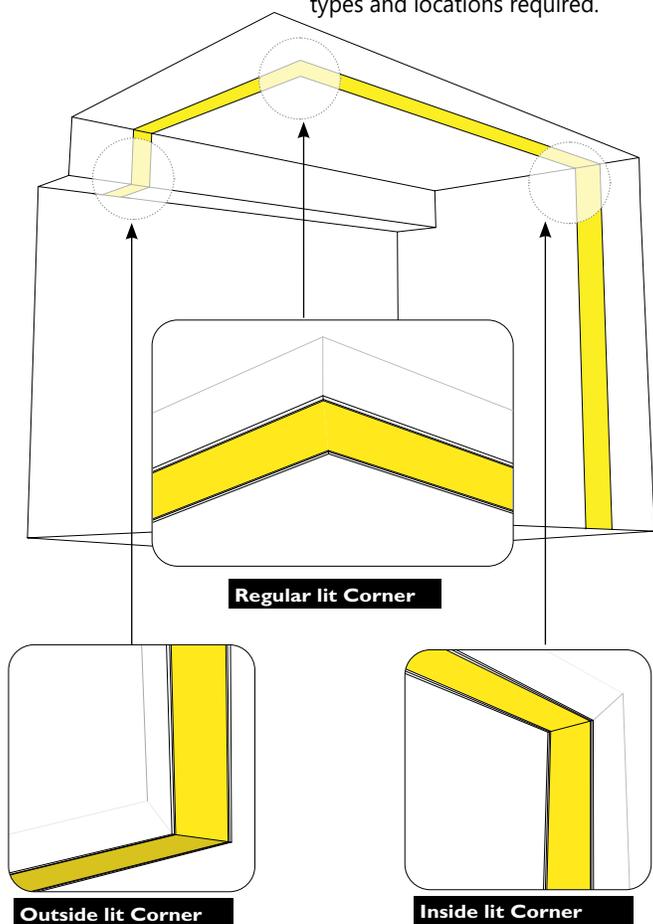
● ELECTRICAL

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

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	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.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25^{0}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 damp rated in operating ambient temperatures of 0-40^{0}C (32-104F).
Flex Whip	Shipped in a separate box for contractors to install

● 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.

Product design and development is an ongoing process at Axis Lighting.We reserve the right to change specifications. Contact Axis for the latest product information.

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June 23, 2020

FILE NAME:BeamLED Recessed LC