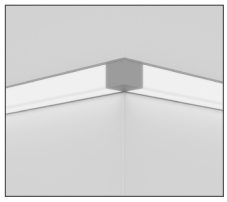
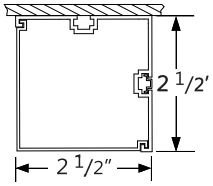
# EDGE 2 | SURFACE MOUNT DIRECT REGULAR CORNER PATTERNS

Cast Outside Corner Pattern



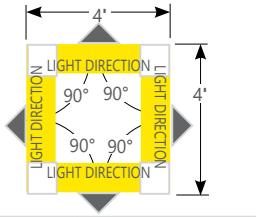
Ships with corner element assembled to luminaire(s)




**Project** _____

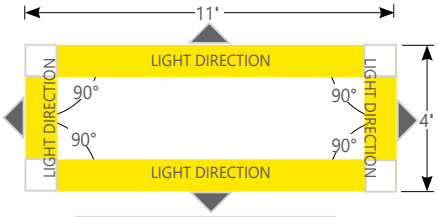
**Type** _____

**Notes** _____



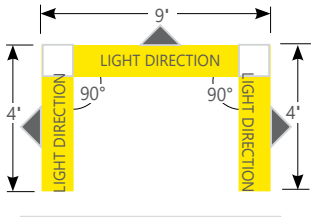

| ED2SPAT | S(4) | O |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Square Corner Pattern



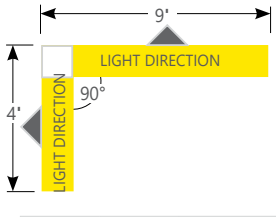

| ED2SPAT | R(11x4) | O |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Rectangle Corner Pattern



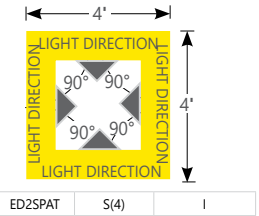

| ED2SPAT | U(4x9x4) | O |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Open Shape Corner Pattern



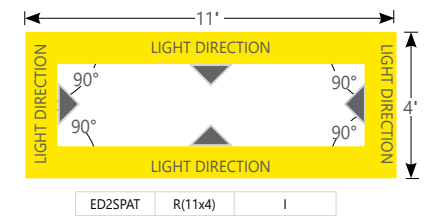

| ED2SPAT | L(9x4) | O |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Open Shape Corner Pattern



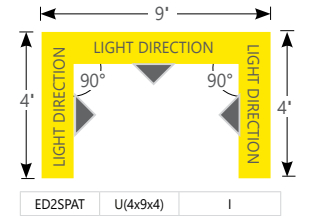

| ED2SPAT | S(4) | I |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Square Corner Pattern



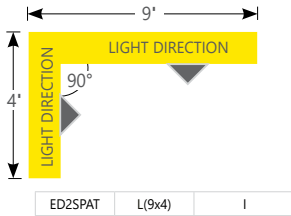

| ED2SPAT | R(11x4) | I |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Rectangle Corner Pattern




| ED2SPAT | U(4x9x4) | I |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

TOP VIEW - Open Shape Corner Pattern




| ED2SPAT | L(9x4) | I |
|---|---|---|
| PRODUCT ID | PATTERNS | LIGHT DIRECTION |

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 | | CORNER DEGREES | | LUMENS/FT DIRECT | | CRI | | COLOUR TEMP. | | SHIELDING | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ED2SPAT** | ED2SPAT Surface Mount LED | **S(L)** | square pattern | **I** | inside lit corners | **250** | 250 lm/ft- **Min** | **80** | 80 CRI | **27** | 2700 K | **UB** | Ultra Blend Lens |
| | | **R(LxL)** | rectangle pattern | **O** | outside cast corners* | **1000** | 1000 lm/ft - **Max** | **90** | 90 CRI | **35** | 3500 K | | |
| | | **U(LxLxL)** | U-shape pattern | **MIX** | mixed inside lit and outside cast corners** | | | | | **30** | 3000 K | | |
| | | **L(LxL)** | L-shape pattern | | | | | | | **40** | 4000 K | | |
| | | **FF(L)** | free form pattern (total length) | | | | | | | | | | |
| | | Please note that only 90° corners are available. | | * Ships with corner element assembled to luminaire(s)<br>** Only available with FF(L) free form pattern. Please specify light direction on the drawing. Consult factory. | | Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. | | | | | | | |

| MOUNTING POSITION | | GROOVE FINISH (OPTIONAL) | | LENGTH/FT | | SPECIFY LENGTH | | FINISH | | VOLTAGE | | DRIVER | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SCE** | Surface ceilling | **AP** | aluminum paint | **(L)** | total pattern length | **NL** | nominal | **AP** | aluminum paint | **120** | 120 V | **DP** | dimming (0-10V) 1% - integral* |
| **SCO** | Surface corner* | **W** | white | | | **EX** | exact | **W** | white | **277** | 277 V | **LT** | Lutron-remote [1] - remote** |
| | | **BLK** | black | | | | | **BLK** | black | **347** | 347 V* | **BI** | bi-level dimming - remote** |
| | | **C** | custom | | | | | **C** | custom | **UNV** | universal | **O(#)** | other [2] - remote* |
| | | | | | | | | | | **DC** | low voltage** | **POE(#)** | POE drivers [1] |
| *Not available with groove finish | | **Not applicable for surface corner mounting position (SCO)** | | Please consult factory | | | | * Corner element finish same as luminaire finish | | * Remote driver only.<br>** Only available with POE drivers. | | * Not available with 347V<br>** Remote driver<br>(1) See page 2 to specify system. Remote only.<br>(2) Please consult factory | |

| CIRCUITS | | MOUNTING/SUSPENSION | | END CAP | | BATTERY - REMOTE (OPTIONAL) | | CUSTOM (OPT.) | |
|---|---|---|---|---|---|---|---|---|---|
| **1** | 1 circuit | **SB9** | surface TB/TG 9/16 | **FL** | flat standard | **BR(#)** | remote battery pack | **C** | custom |
| **2** | 2 circuits | **SB15** | surface TB/TG 15/16 | | | | | | |
| **+E(#)** | emergency circuit | **SBS** | surface screw slot t-bar | | | | | | |
| **+NL(#)** | night light circuit * | **S** | surface drywall ceiling | | | | | | |
| | | **SC** | surface solid ceiling | | | | | | |
| | | | | For close end cap only | | Remote only | | Please specify | |

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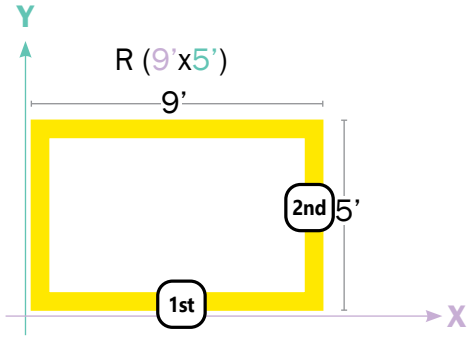
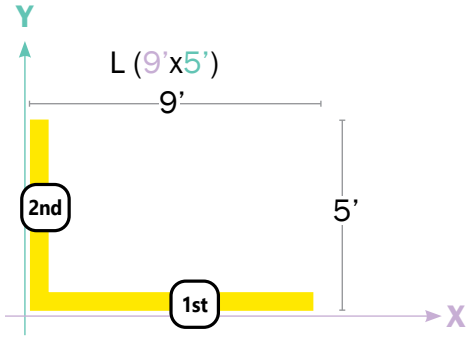
# How to Specify 90 degree Corners and Patterns

## Example

### Defining R - Rectangular shape

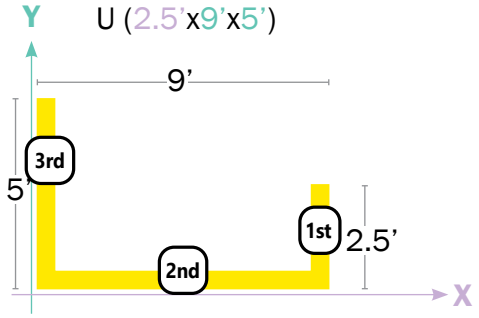



### Defining L shape



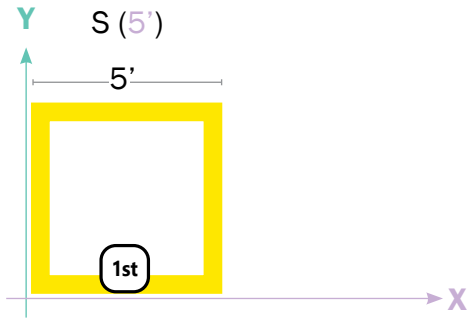

**Note:** The first number will always define the width, the second - the length.

### 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).

## ELECTRICAL

| | |
|---|---|
| **Lutron driver** | **LDE1** - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black |
| **Other drivers**** | **DALI** - Digital Addressable Lighting Interface<br>**DMX** - Digital Multiplex<br>**Xitanium SR** - For wireless sensor |
| **Power over Ethernet POE drivers***<br>UL2108 certified for integral or remote driver | MOLEX<br>IGOR<br>SMARTENGINE<br>**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.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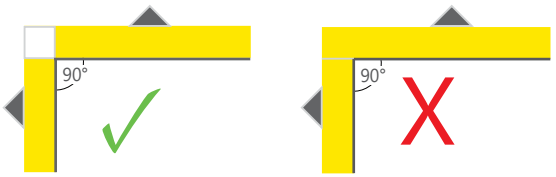
## CORNER DETAILS - LIT INSIDE CORNERS & CAST OUTSIDE CORNERS

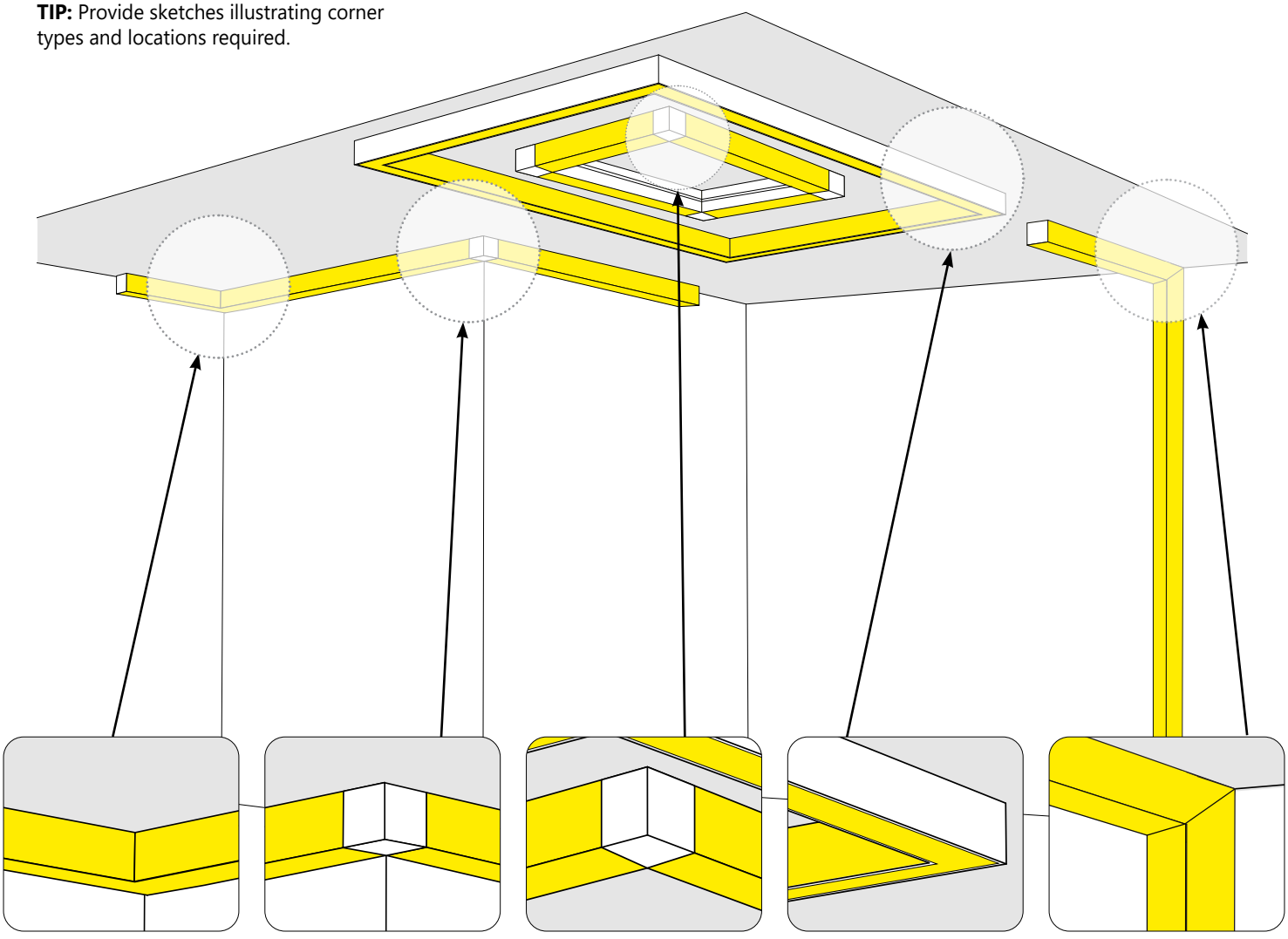
The Edge corner system is a combination of inside lit corners and outside cast corners.
To optimize inside corner illumination, lit corners are created as integral components of the linear sections. Linear sections have mitered ends that connect to corresponding mitered ends of neighboring linear sections.
Please note that outside corners are not lit. They make use of an unlit diecast metal corner hubs to adjacent sections of the pattern.




**Outside cast corner**

**Inside lit corner**

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





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***IMPORTANT – all corner patterns must be submitted with drawings indicating dimensions and angles degree.***