



Static White

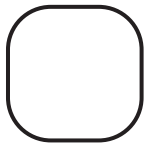


FLICKER FREE

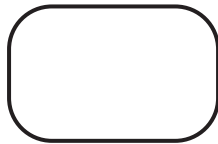
RoHS

**INTRODUCING**

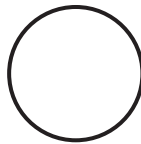
SOULMATE



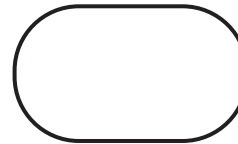
Square



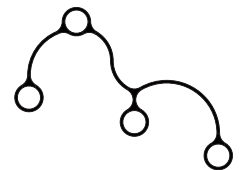
Rectangle



Circle



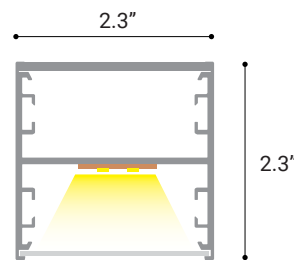
Oval



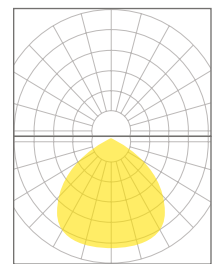
Free Pattern

**SOULMATE Infinity Shapes** – is a versatile Free-Form Shape LED luminaire that brings spirit, energy, and action to large space environments by harnessing the flexibility and creativity of a tapelight while maintaining the quality and durability of a solid luminaire. Designed to simultaneously enhance creativity and functionality in a space, SOULMATE helps create intricate, sprawling shapes by connecting rounded-edge SOUL shapes with curved joiners, elevating the versatility, flexibility, and creativity of SOUL luminaires to new heights.

Available with surface and wall mounting options, in a standard width of 2.3", in various lengths and angles that allow for playful design. Capable of max. continuous runs of 8 feet and ideal for adding an element of originality to corporate offices, educational, commercial, and retail spaces.



Size



Ligh Distribution

**OPTICS & PERFORMANCE**

This item's high-efficiency LED optical system includes a precision-cut acrylic lens with a smooth frosted finish for glare-free, even illumination and reflective sidewalls that help distribute the LED light evenly across the acrylic-surface. The lens features a snap-in design that fits securely into the groove of the fixture's body, making it easy to remove for access to the LED driver and LED board. This SOUL-LED fixture can be customized into various shapes by assembling different angles and degrees to meet diverse architectural needs.

**CONSTRUCTION**

Body constructed from up to 90% recyclable, extruded architectural-grade 6063 aluminum with a minimum wall thickness of 0.075", to ensure durability and sustainability. Lenses are made from twin-layered, extruded high-impact acrylic, with a maximum single length of 8 ft.

**DISTRIBUTION PATTERNS & DIFFUSER**

Features an optically extruded, high-impact acrylic lens for a uniform, smooth illumination with reduced glare and precise light output control. Lens designed to snap securely into the housing and integrate seamlessly with the fixture, to ensure a refined and clean appearance.

**CRM INSTALLATION**

Lighting design will adhere to the factory shop drawing. For continuous mounting, the first section will always include the power supply feed. Housing connections will feature a joint bracket and a male/female connector for electrical connections. For special mounting requirements, please follow the provided mounting instructions.

**CEILING MOUNT**

For a ceiling mounted version of SOULMATE Infinity Shapes, luminaire must be installed directly into the ceiling with screws, sans mounting bracket. Large designs may be mounted and assembled simultaneously, by screwing in individual pieces and then joining and screwing them into the ceiling according to the design.

**LED DYNAMIC PLATFORM OPTIONS**

Our advanced LED board is designed for superior output, efficacy, and reliability. Featuring a high Color Rendering Index (CRI) of 95, these LEDs provide exceptional color accuracy and vibrancy. With a remarkable lifespan of L70 at over 100,000 hours (TM-21), you can trust in their long-lasting performance. Enjoy consistent color with variations within 2-Step MacAdam ellipses. Available in a range of correlated color temperatures (CCT) including 3000K, 3500K, 4000K, 5000K, and 6500K these LEDs meet diverse lighting needs.

**DIMMING & DRIVER INFORMATION**

**DIM10** - 0-10V dimming on either MVOLT 120, 277. Dimmable down to 1% of initial lumens, standard.

**DIMTR** - Triac & Electronic low voltage dimming.

**LUTH** - Lutron LDE1 Hi-Lume Eco System with Soft Fade to Black dimming technology.

**ELDO10.1**- E IdoLED SoloDrive 0-10V. Dimming down to 0.1%. Linear dimming curve.

**EldoDALI** - DALI DT6, DT8 dimming down to 1%.

**ELDODMX.1** - EldoLED PowerDrive dimming down to 0.1%.

**BLE** - Luminaires may be controlled, grouped, scheduled or placed in scenes and or zones Via Cassambi Bluetooth 4.0 App.

**FINISH**

Standard color - White / Black / Anodized aluminum.

RAL CLASSIC COLORS.

**WARRANTY**

Five-year warranty for parts and components.(Labor not included).

**LISTINGS**

cETLus - Listed

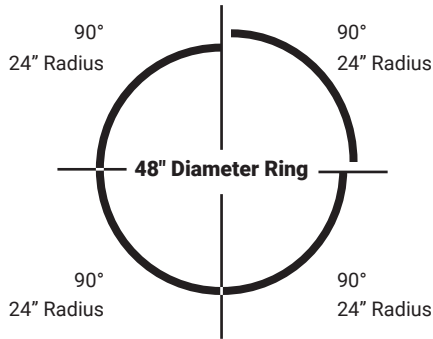
RoHs - Contains no mercury or lead and RoHS compliant

**TECHNICAL DETAILS**



<b>INPUT VOLTAGE</b>	120-277V
<b>POWER</b>	6W/ft, 9W/ft
<b>EFFICIENCY LM/W</b>	100Lm/W
<b>LUMENS PER FOOT</b>	650L, 900L
<b>CRI</b>	90+, 95+
<b>LIGHT DISTRIBUTION</b>	Direct
<b>CCT</b>	30K, 35K, 40K, 50K, 65K,
<b>SHAPES</b>	Square, Rectangle, Circle, Oval, and Free-form Pattern

<b>MOUNTING</b>	Ceiling Mount
<b>SIZE</b>	W2.3" x H2.3"
<b>CURVE DEGREES</b>	30°, 45°, 60°, 90°, 120° Custom Degrees Available
<b>CURVE RADIUS</b>	24", 36", 48", 60", 72", 84" Custom Radius Available
<b>CONTINUOUS LENGTHS</b>	2 ft, 4 ft, 6 ft, 8 ft Custom Lengths Available
<b>COLOR</b>	White, Black, Silver, Custom RAL
<b>DIMMING &amp; CONTROLS</b>	0-10V Flicker Free 1% Dimming (DIM10), LUTH, ELDO10.1-, ELDODMX.1, ELDODALI.1, DIMTR, BLE.
<b>EMERGENCY</b>	Remote Emergency Option. Consult Factory



**Ring Diameters**

Made by individual segments

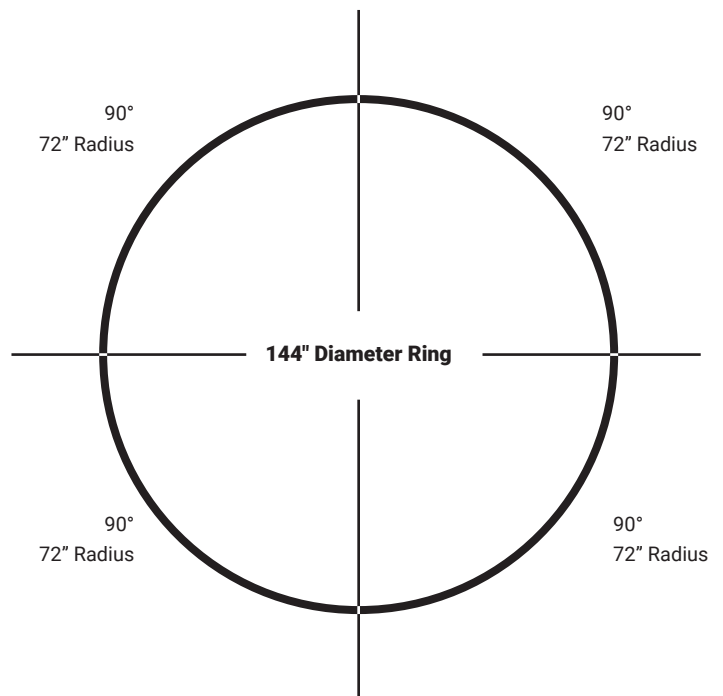
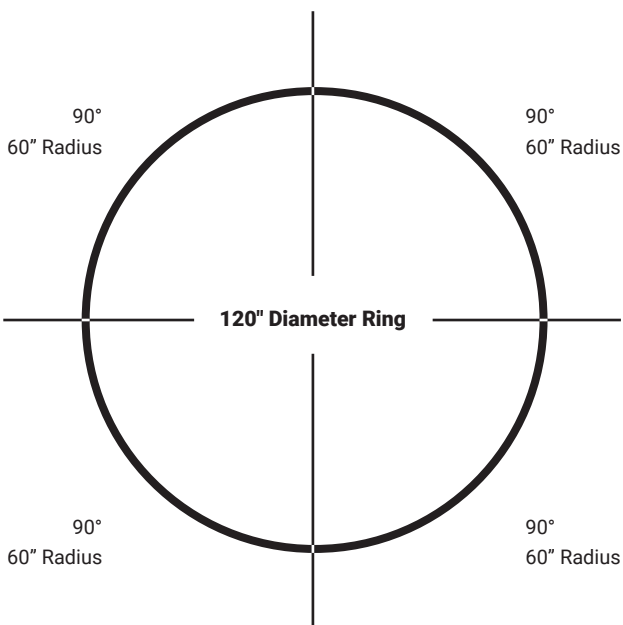
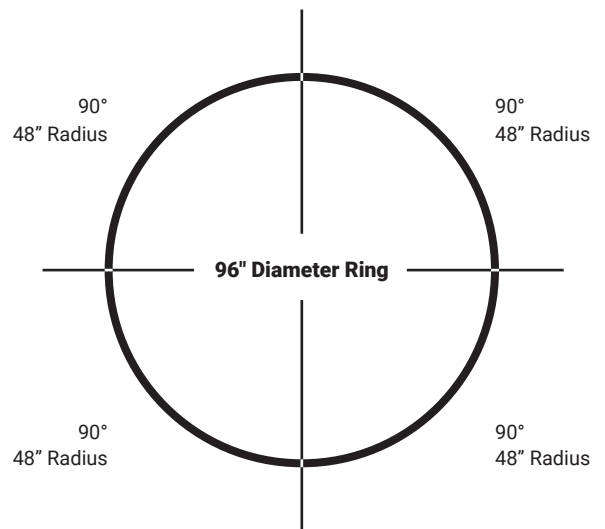
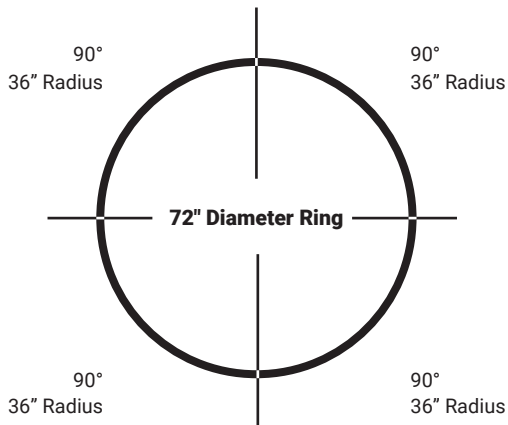
**Radius of Each Segment:** There are four, 90-degree segments, each with a radius of 24 inches.

**Complete Circle:** Four 90-degree segments come together to form a complete circle (360 degrees).

**Diameter Calculation:** The diameter of a circle is twice the radius. So, with a radius of 24 inches:

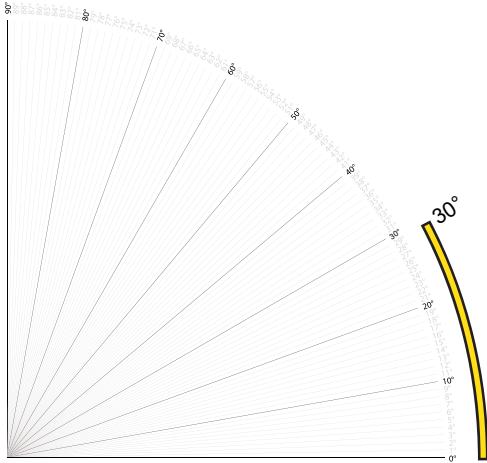
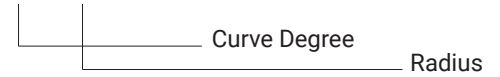
**Diameter**= 2×Radius=2×24=48inches

The diameter of the fixture ring is 48 inches.



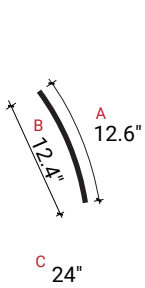
### 30 Degrees **Custom radii and degrees available**

**Part# 30SOUL-R24**

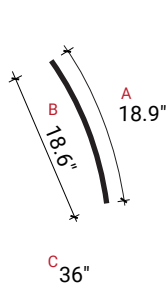


#### 30 Degrees

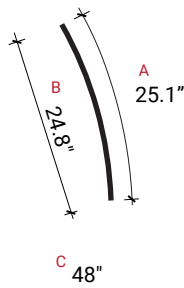
A. Curve length / B. Chord Length / C. Radius



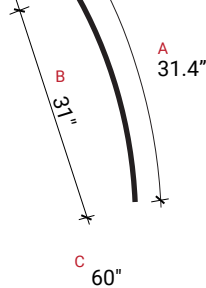
**30SOUL-R24**



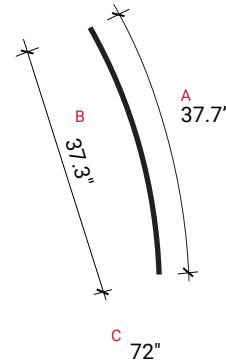
**30SOUL-R36**



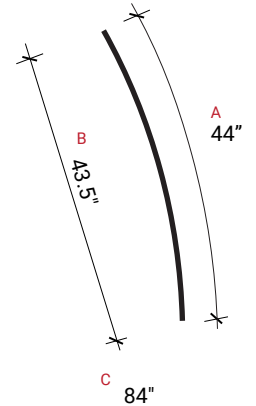
**30SOUL-R48**



**30SOUL-R60**



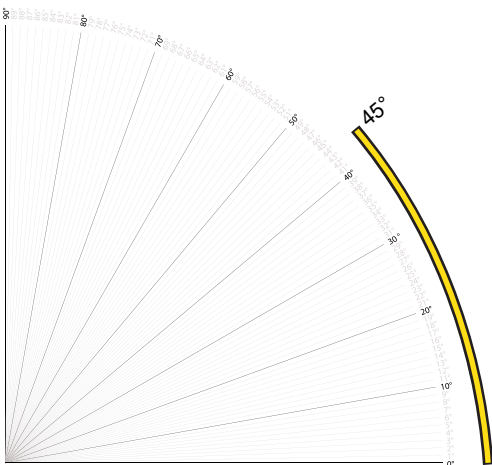
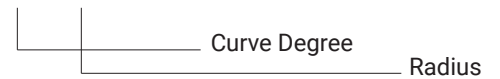
**30SOUL-R72**



**30SOUL-R84**

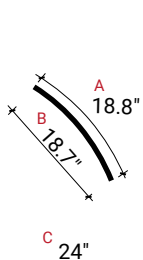
### 45 Degrees **Custom radii and degrees available**

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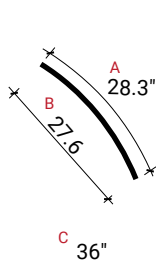


#### 45 Degrees

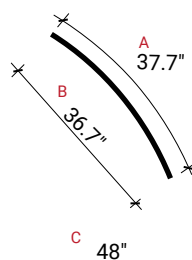
A. Curve length / B. Chord Length / C. Radius



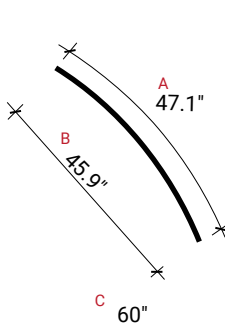
**45SOUL-R24**



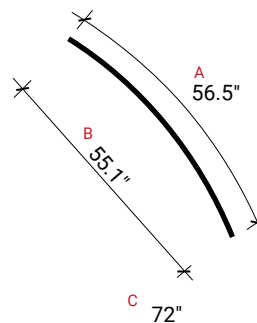
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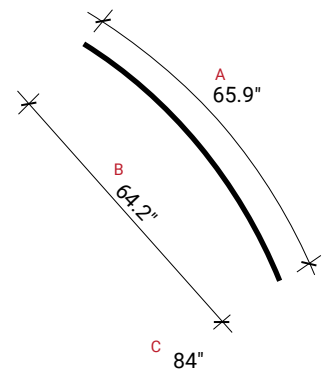
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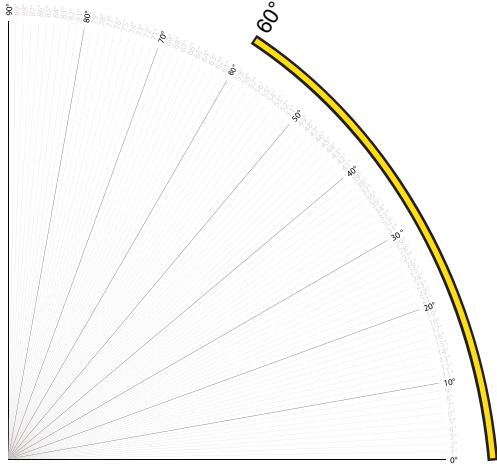
**45SOUL-R60**



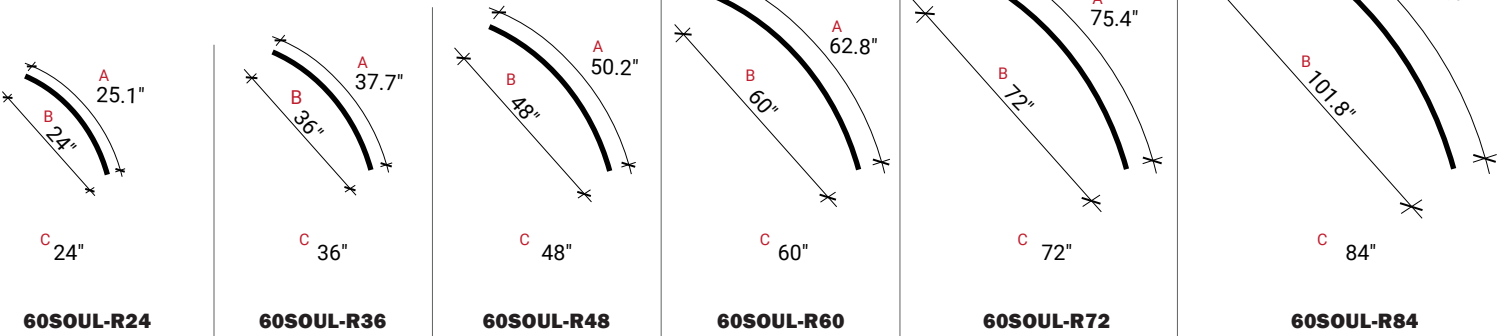
**45SOUL-R72**



**45SOUL-R84**

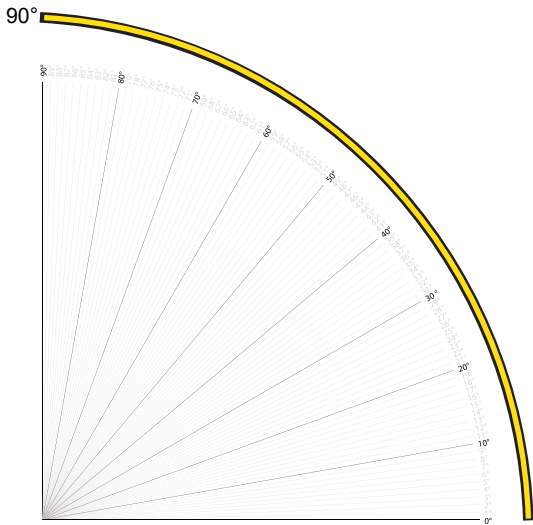
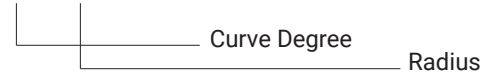


**60 Degrees**  
A. Curve length / B. Chord Length / C. Radius

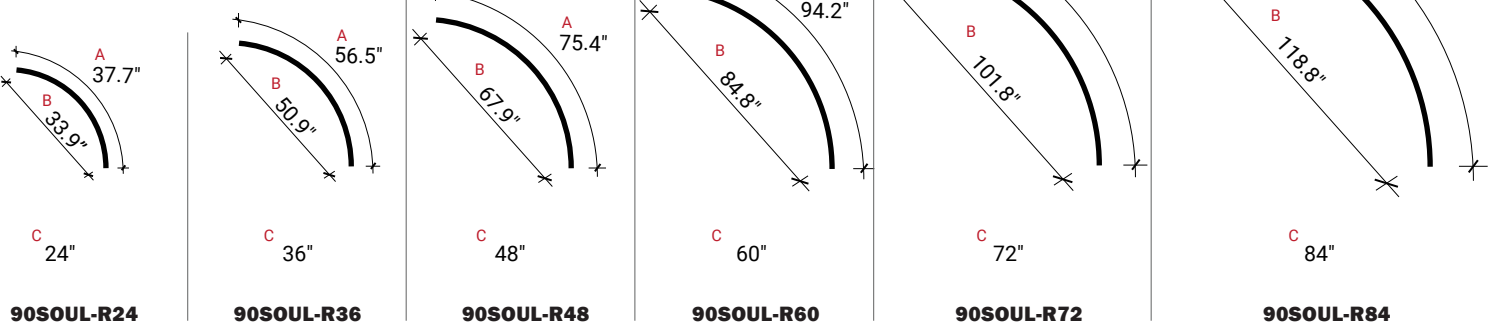


**60 Degrees** Custom radii and degrees available

Part# 60Soul-R24

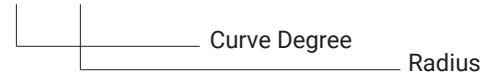


**90 Degrees**  
A. Curve length / B. Chord Length / C. Radius

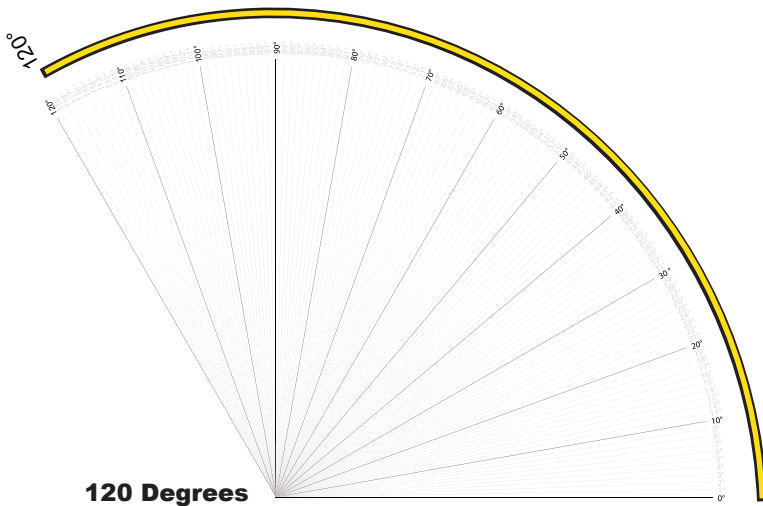


**90 Degrees** Custom radii and degrees available

Part# 90Soul-R24



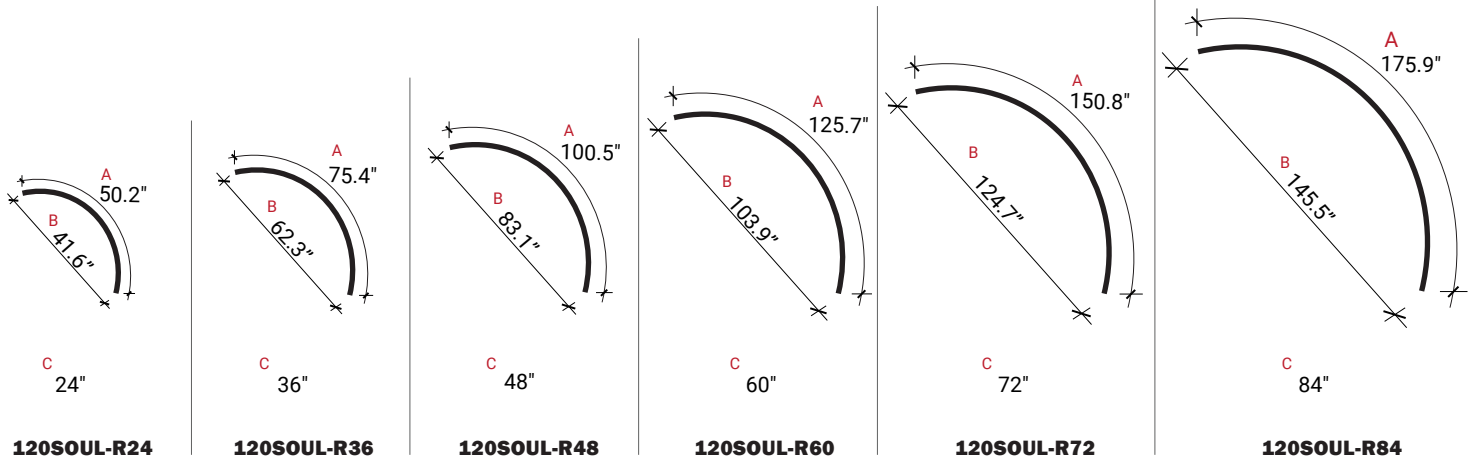
**120 Degrees** Custom radii and degrees available



**120 Degrees**

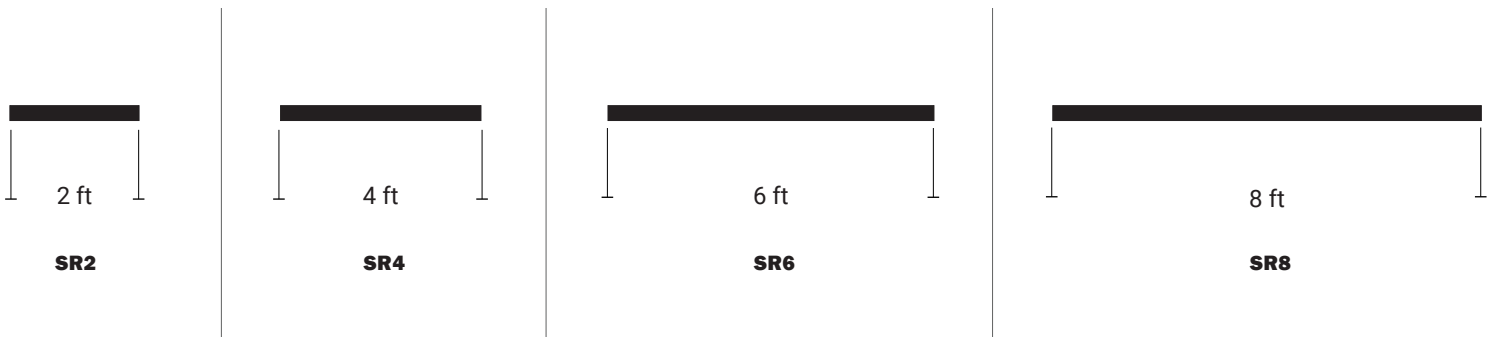
A. Curve length / B. Chord Length / C. Radius

**Part# 120SOUL-R24**



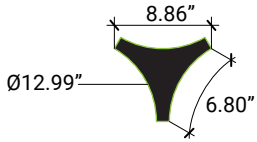
**Straight Runs**

Custom straight runs are available in increments of 1 inch

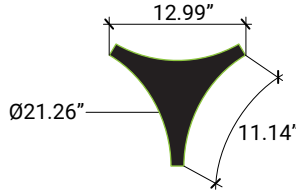


**Curved Joiners**

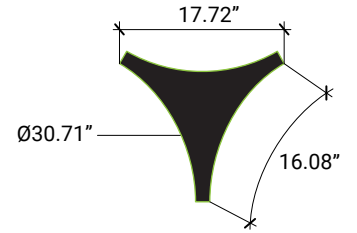
Curved joiners are essential for connecting arcs, curves, and continuous lengths. These joiners facilitate the creation of a variety of shapes with a rounded finish.



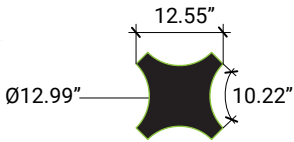
**JY-SOUL1**  
Y-Shaped Joiner



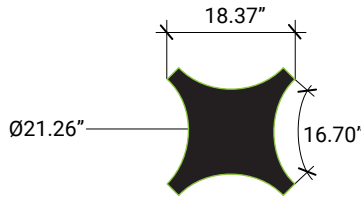
**JY-SOUL2**  
Y-Shaped Joiner



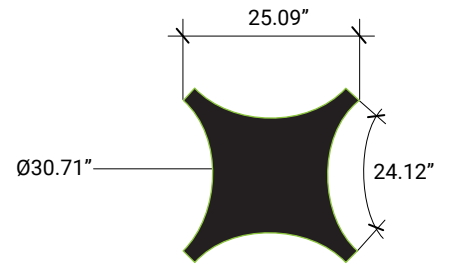
**JY-SOUL3**  
Y-Shaped Joiner



**JX-SOUL1**  
X-Shaped Joiner

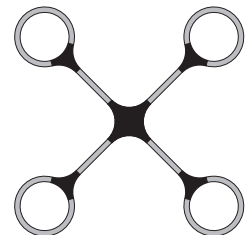
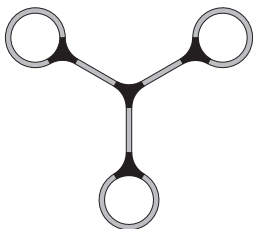


**JX-SOUL2**  
X-Shaped Joiner



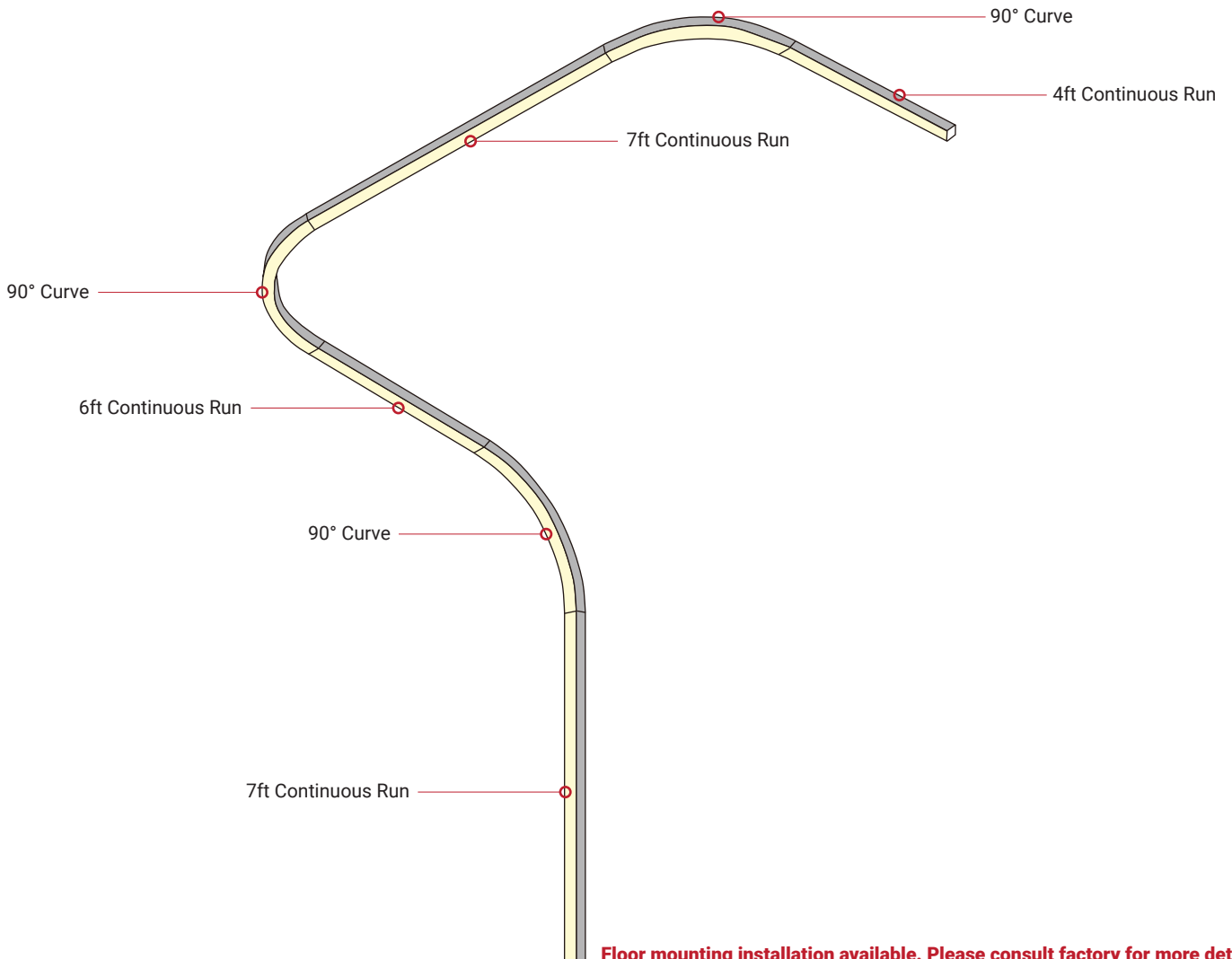
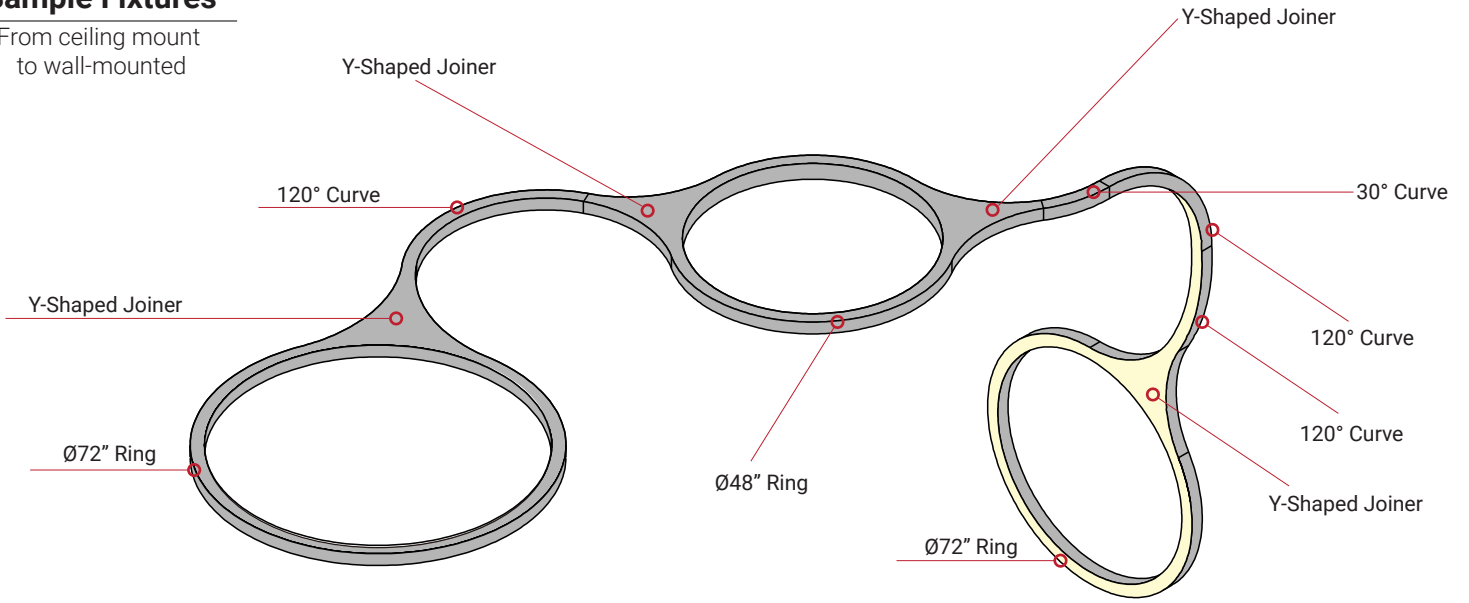
**JX-SOUL3**  
X-Shaped Joiner

**Samples**

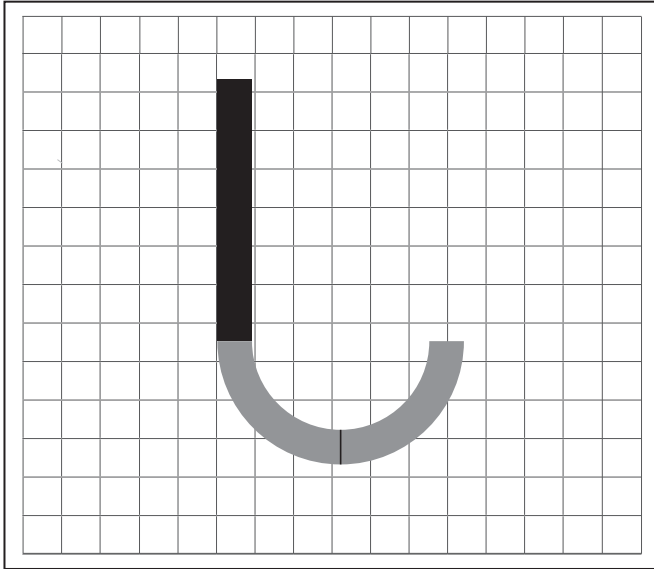


**Sample Fixtures**

From ceiling mount  
to wall-mounted



**Floor mounting installation available. Please consult factory for more details.**



## How to **design** **your** OWN shapes!

1. Select the pieces you want to use to build the fixture and draw them on the grid. Refer to pages 4, 5, 6, and 7 to choose the desired pieces.
2. After drawing the fixture on the grid, send the design to [yuchen@iuseelite.com](mailto:yuchen@iuseelite.com)
3. Once you approve the design, we will bring it to life.

## PRACTICE!

Take a look at pages 4, 5, 6, and 7 and see if you can figure out which parts were used to assemble this luminaire.

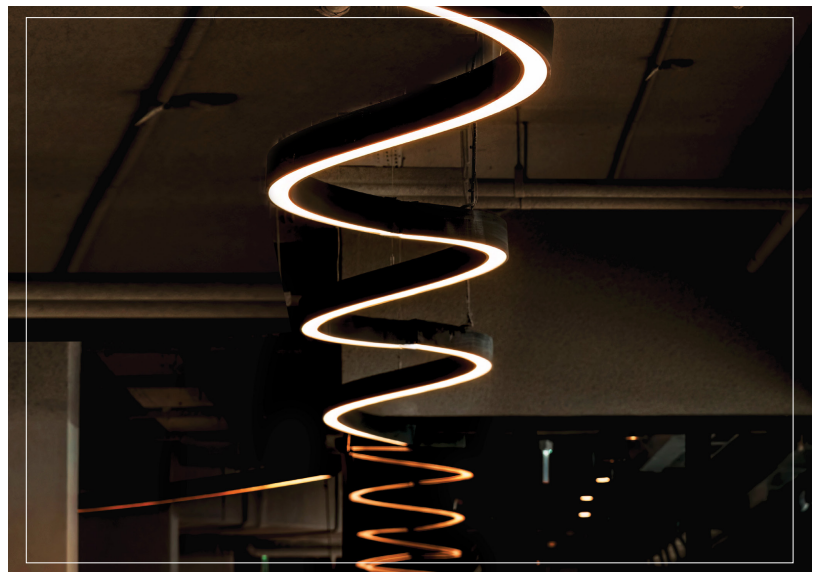
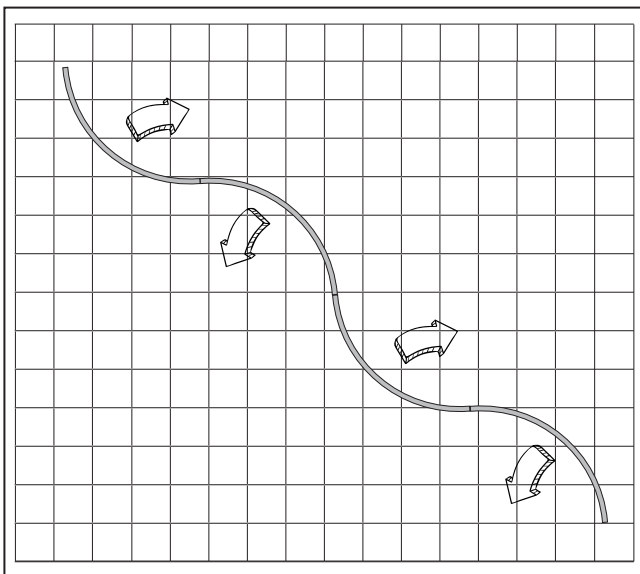
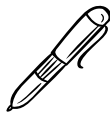


Image shown: Suspended wave luminaire. Wave shapes can also be installed as ceiling mounts.

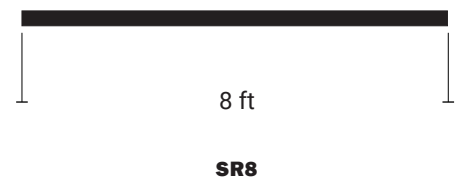
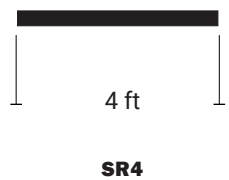
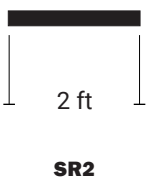
Curve Radius Part# \_\_\_\_\_

Straight Runs Part# \_\_\_\_\_

**Luminaire Configuration Guide**

**SR-Straight Runs:**

2 ft, 4 ft, 6 ft, 8 ft, Custom

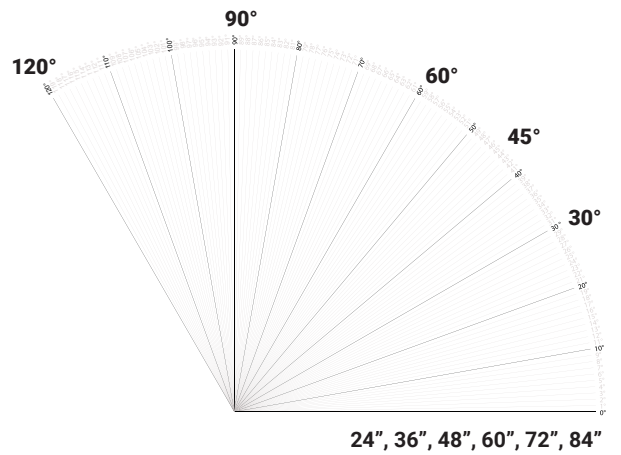


**DC-DEGREE OF CURVE:**

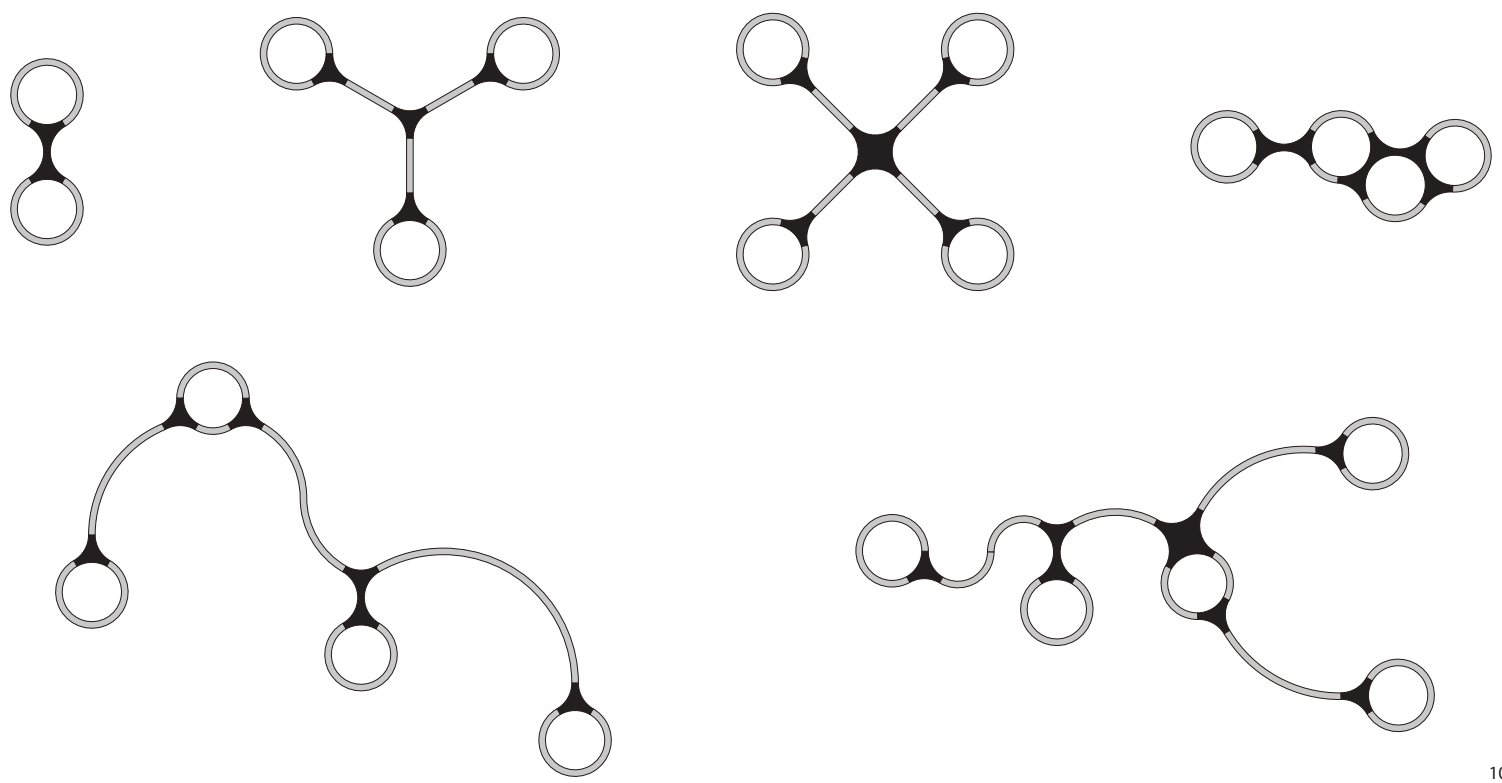
30°, 45°, 60°, 90°, 120°, Custom

**R-CURVE RADIUS:**

24", 36", 48", 60", 72", 84", Custom



**Be Inspired**



**ORDERING TABLE**

Example: SOULMATE-CM-2-CUS-D650L-1C-REM-DIM10-MVOLT-35K-95-WH

SERIES	WIDTH	<sup>1</sup> SHAPE	LUMENS / DIRECT	DISTRIBUTION	NUMBER OF CIRCUITS
SOULMATE-CM	2 - 2.3"x2.3"	CUS - Custom <i>Sketch your design on the next page.</i>	D650L - 650 Lumens Per Ft D900L - 900 Lumens Per Ft	(blank) - Standard	1C 2C

DRIVER MOUNT	DIMMING	VOLTAGE	CCT	CRI	FINISH
REM - Remote Driver	DIM10 - 0-10V Dimming LUTH - Lutron HiLum ELDO10.1 - ELDO 0-10V ELDODMX.1 - EldoLED DMX ELDODALI.1 - ELDODALI.1 <sup>2</sup> DIMTR - Triac & ELV BLE - Wireless Bluetooth Control	MVOLT - 120-277V	30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K 65K - 6500K	90 - 90CRI 95 - 95CRI	WH - White BK - Black SI - Silver RAL - Consult Factory

<sup>3</sup> EMERGENCY	TOTAL RUN / FT & IN
REM-0-EMG-LED-10W REM-0-EMG-LED-20W	XX.YY.ZZ XX= Length in Feet YY= Fraction in Inches ZZ= Fractions of an Inch e.g. 22 ft. 6 in. 1/2 in

1. Sketch your design on the grid provided on the last page and email it to [yuchen@iuseelite.com](mailto:yuchen@iuseelite.com)
2. DIMTR available in 120V only.
3. Remote emergency option available, please consult factory.



Sketch your design using the grid space below and email it to [yuchen@iuseelite.com](mailto:yuchen@iuseelite.com)



Square



Rectangle



Ring



Oval



Free Pattern