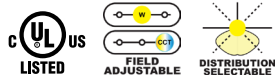
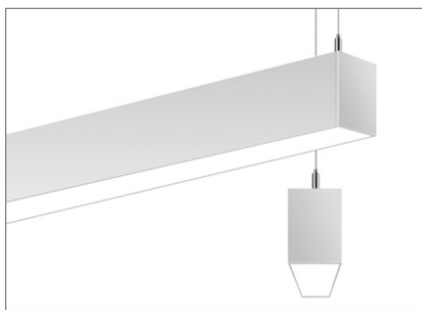


# EB3 DIRECT/INDIRECT

Project Name:	
Type:	



**APPLICATION**

EB3 2.3" linear lighting is a unique linear series that brings any space to the center stage and available in pendant, surface, wall and recessed mounting (Refer to EB3 recessed spec sheet for recessed mounting). These timeless, streamlined forms blend well with contemporary decors and modern workplaces. These linear luminaries are available in 2ft, 3ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with continuous runs. It can provide smooth uplight and downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. Unleash lighting design flexibility with EB3 with different shapes and patterns, it adds fun factor into each room. These creations will let you suggest rhythm, communicate meaning and showcase element of life.

**FEATURES:**

- It offers a selection of professional lens such as diffuser, louver, micro reflector and deep regressed lens to meet your different requires.
- Available in 2', 3', 4' and 8', individual units or continuous runs. (Louver option is available in 4' and 8' only. Deep regressed lens and micro reflector options are available in 4' only)
- Custom pattern with optional L, X, T, Y, V, Z non-lit joiners.
- Extruded aluminum housing.
- Powder coat white and black finish or custom.

**MOUNTING:**

- Pendant and surface mount are compatible with drywall and drop ceiling including 15/16", 9/16" flat T-grid and 9/16", 15/16" screw slot grid ceiling.
- 5ft adjustable cable length is standard for pendant mount (optional 12ft adjustable cable available).
- Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC
- Custom Pattern with optional L, X, T, Y, V, Z joiners.

**LED:**

- Wattage selectable (50%/75%/100%)
- CCT adjustable from 3000K, 3500K, 4000K (Micro reflector option is only available in 3500K or 4000K single CCT)
- 7 different light distributions are available by a built-in dip switch in the field.
- IES LM-80 tested.
- Color Rendering Index: >80
- Minimum 50,000 hours life with 87.8% lumen maintenance in 25°C ambient temperature.

**ELECTRICAL:**

- High power factor electronic driver, operate from a 120 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Standard 0-10V dimming which continuous dims to 10% that works with low voltage dimming controls.
- Operating temperature: -4°F (-20°C) ~ 122°F (50°C).

**FINISH:**

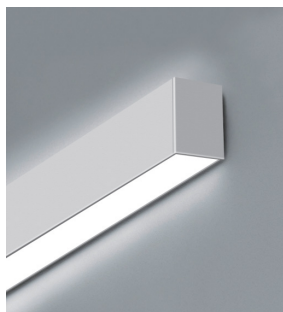
- Standard powder-coat textured white or black painted finish on exposed trim, consult factory for custom colors.

**LISTING:**

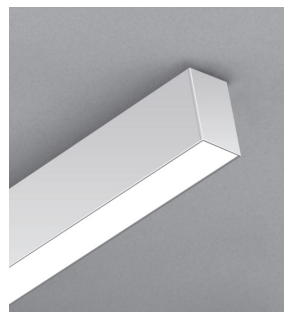
- UL / CUL listed.
- UL listed for dry & damp location.
- 5 years limited warranty.



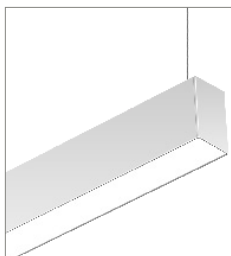
Pendant Mount



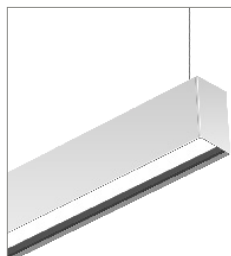
Wall Mount



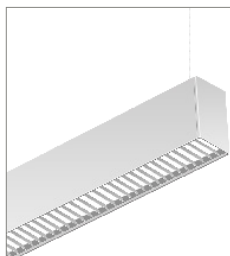
Surface Mount



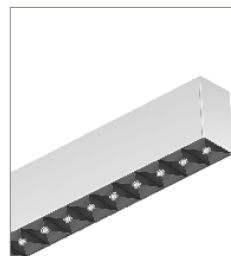
Standard Diffuser



Deep regressed



Louver



Micro Reflector

# EB3 DIRECT/INDIRECT

**ORDERING INFORMATION**

*EXAMPLE: EB3-IND-4-3S-3T-UNV*

MODEL	ROW <sup>1</sup>	SECTION <sup>2</sup>	LED	COLOR TEMP.	DISTRIBUTION
<b>EB3-IND</b> (Individual Mount) <b>EB3-CON</b> (Continuous Row Mount)	<b>xx'</b> Specify nominal overall row length	<b>2</b> 2' Length <b>3</b> 3' Length <b>4</b> 4' Length <b>8</b> 8' Length	<b>3S</b> 100%, 75%, 50% adjustable	<b>3T</b> Selectable 30/35/40K  * 35K or 40K single CCT for Micro reflector shielding	<b>DI</b> Field selectable from the following distributions. Down/Up= 100/0, 90/10, 70/30, 50/50, 30/70, 10/90, 0/100 <b>DWI</b> Wall wash direct light with field selectable from the following distributions. Down/Up= 100/0, 90/10, 70/30, 50/50, 30/70, 10/90, 0/100
<b>EB3-CM</b> (Custom)	Must provide a sketch on the last page				

MOUNTING	VOLTAGE	SHIELDING	FINISH	CEILING TYPE (for pendant and surface)
<b>(Blank)</b> <b>S</b> Pendant <b>W</b> Ceiling Surface <b>W</b> Wall	<b>UNV</b> 120-277V <b>120</b> 120V <b>277</b> 277V	<b>(Blank)</b> <b>LV</b> Standard diffuser <b>DR</b> Louver <b>DR</b> Deep Regressed <b>MR</b> Micro Reflector	<b>(Blank)</b> <b>BK</b> White (Std.) <b>BK</b> Black <b>CC</b> Custom Color <sup>3</sup>  *Non-standard finish with extra charge.	<b>X1</b> 15/16" T-bar ceiling <b>X2</b> Hard ceiling <b>X3</b> Sloped Hard ceiling <b>X4</b> 9/16" T-bar ceiling <b>X5</b> 9/16" Screw Slot ceiling <b>X6</b> 15/16" Screw Slot ceiling

SUSPENSION LENGTH	OPTIONS
<b>AC48</b> Adjustable Aircraft Cable Canopy 48"L (Std.) <b>AC144</b> Adjustable Aircraft Cable Canopy 144"L	<b>REM8</b> 8W remote EM for field install <b>REM25</b> 25W remote EM for field install <b>CMS</b> Occupancy Sensor (Installed inside canopy)

**NOTES:**

- Specify only when Continuous Row Mount.
- Refer to length availability chart per shielding options.
- Refer to color charts (RAL and/or Cardinal) in the separate attachment.

**CONFIGURATIONS**

Series	Size	System Watts @ 100%	High (100%) - 10W/ft		Medium (75%) - 7.5W/ft		Low (50%) - 5W/ft	
			Lumen Output	Lumen Efficiency	Lumen Output	Lumen Efficiency	Lumen Output	Lumen Efficiency
Standard Diffuser	2'	20W	2300 lm	115 lm/W	1720 lm	115 lm/W	1150 lm	115 lm/W
	3'	30W	3450 lm	115 lm/W	2580 lm	115 lm/W	1725 lm	115 lm/W
	4'	40W	4600 lm	115 lm/W	3340 lm	115 lm/W	2300 lm	115 lm/W
	8'	80W	9200 lm	115 lm/W	6880 lm	115 lm/W	4600 lm	115 lm/W
Deep Regressed	4'	40W	3600 lm	90 lm/W	2700 lm	90 lm/W	1800 lm	90 lm/W
Louver	4'	40W	4600 lm	115 lm/W	3440 lm	115 lm/W	2300 lm	115 lm/W
	8'	80W	9200 lm	115 lm/W	6880 lm	115 lm/W	4600 lm	115 lm/W
Micro Reflector	4'	40W	3800 lm	95 lm/W	2840 lm	95 lm/W	1900 lm	95 lm/W

\* Based on 4000K CCT

CCT	Multiplier	
	3000K	3500K
Down only	0.9642	0.9822
Up&Down	0.971	0.9856

# EB3 DIRECT/INDIRECT

**Length Availability Chart per Shielding Options**

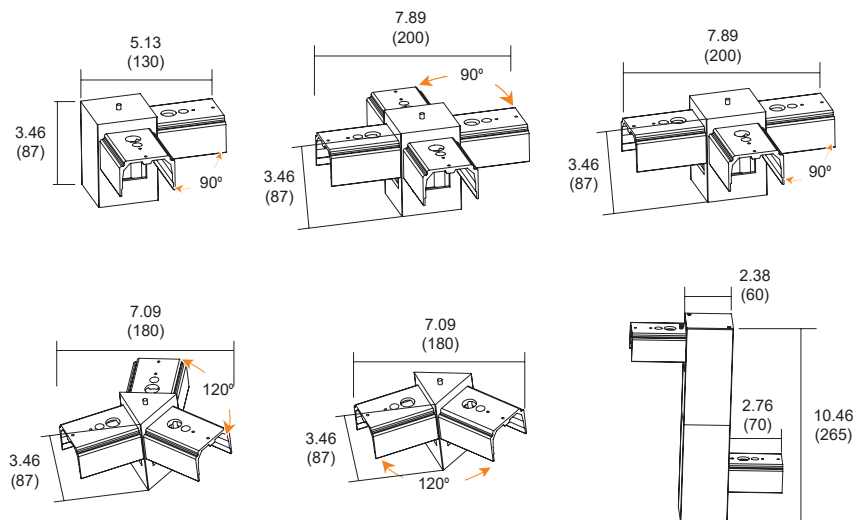
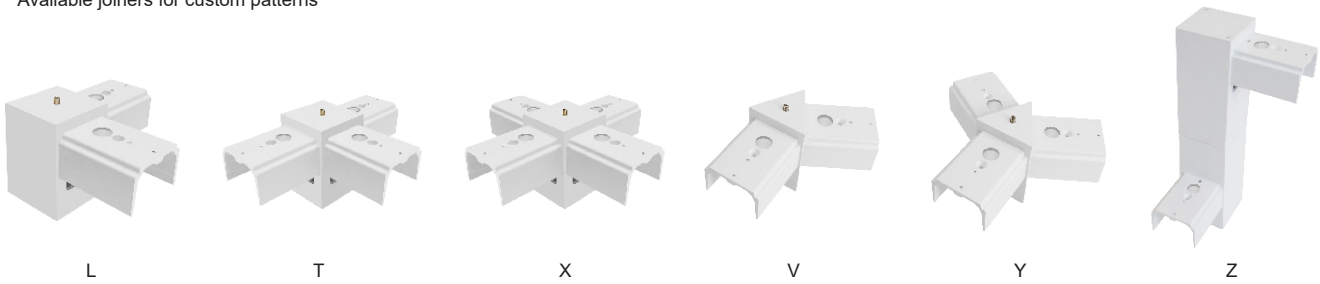
Item	
Standard Diffuser	2, 3, 4, 8FT
Louver	4, 8FT
Deep Regressed and Micro Reflector	4FT

**Light Distribution**

Item
100% Uplight
10% down, 90% up
30% down, 70% up
50% down, 50% up
70% down, 30% up
90% down, 10% up
100% Downlight

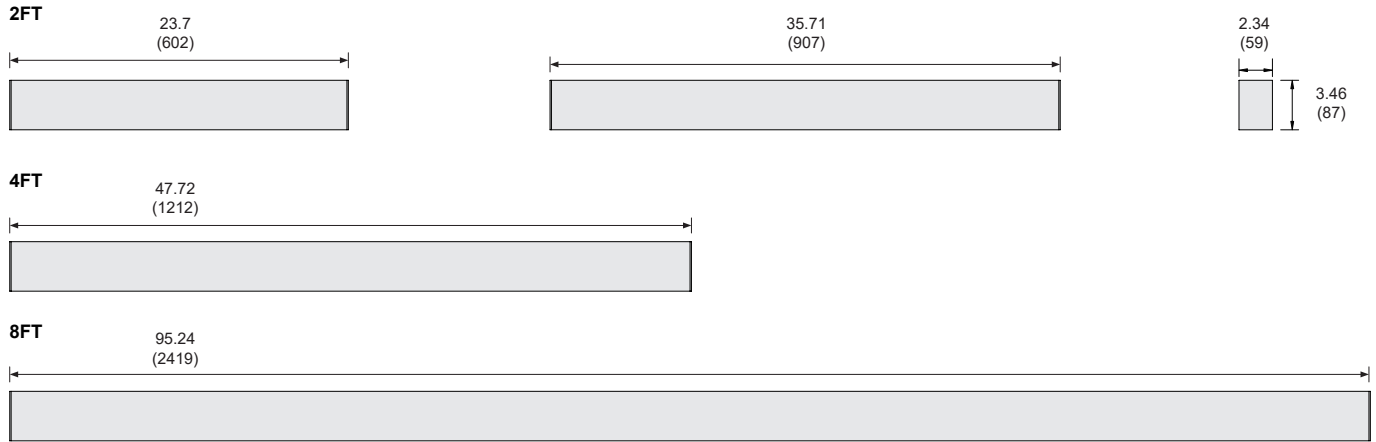
\* Following options available by dip switch

Available joiners for custom patterns

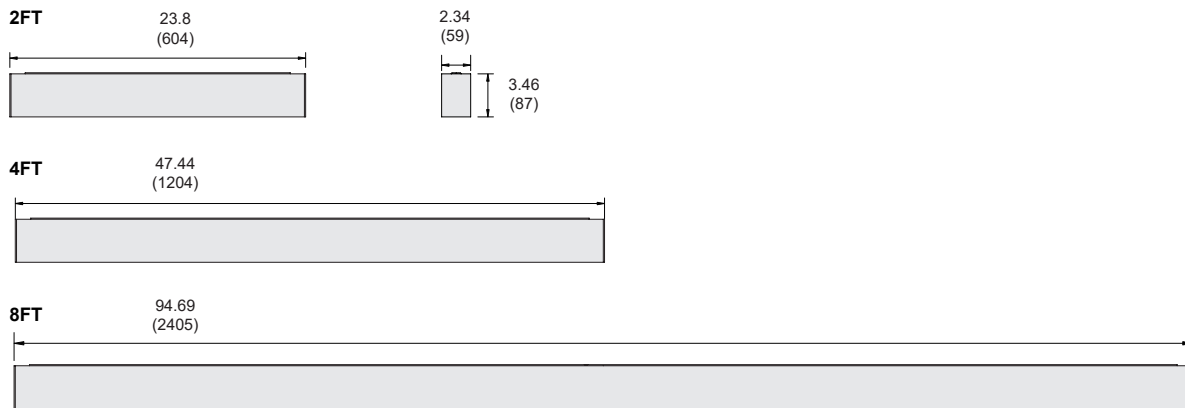


# EB3 DIRECT/INDIRECT

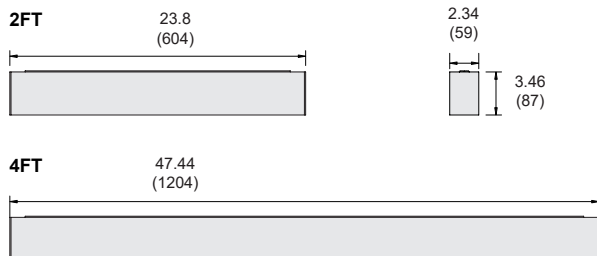
## Pendant Mount



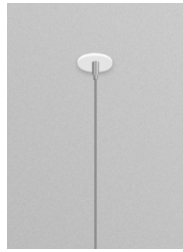
## Surface Mount



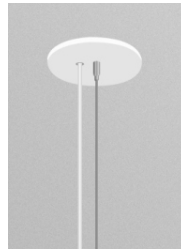
## Wall Mount



# EB3 DIRECT/INDIRECT



1.6" Round  
(Non Power Feed)

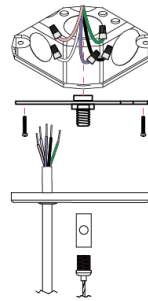
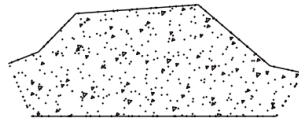


4.5" Round  
(Power Feed)



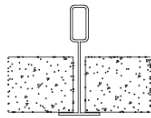
**Drywall Ceiling / Off Grid**

"Various Hard Ceilings"  
(Mount to J-box)

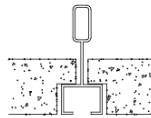


**Drop Ceiling / On Grid**

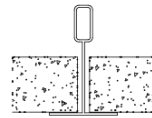
Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



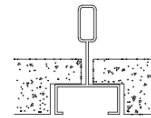
9/16" Flat Ceiling



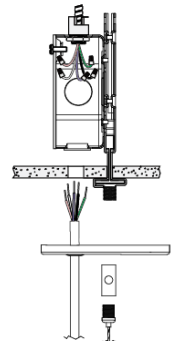
9/16" Slot Ceiling



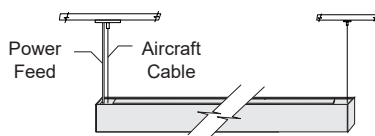
15/16" Flat Ceiling



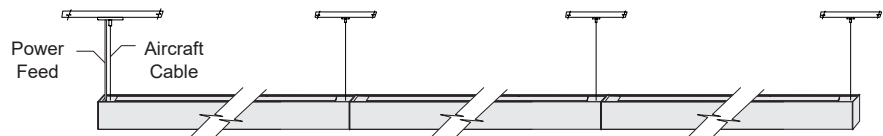
15/16" Slot Ceiling



**Individual**

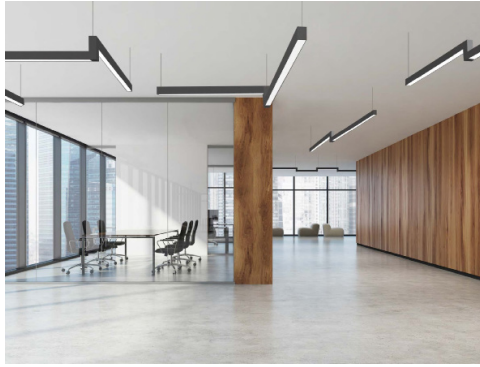


**Continuous Run**



120VAC: Connections up to 40ft.  
277VAC: Connections up to 100ft.

# EB3 DIRECT/INDIRECT



**The Art of Design Flexibility**

All linear line products offer the freedom to create truly dynamic spaces. 5 joiners make it easy to create multiple fixture configurations for exceptional design flexibility. For additional design flexibility, individual or row-mounted options are available in a variety of run lengths and lamp configurations.

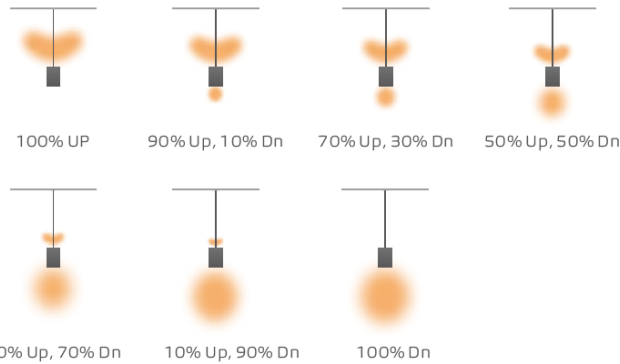


- Joiner
- "L" Joiner
- "T" Joiner
- "X" Joiner
- "Y" Joiner
- "U" Joiner
- "Z" Pattern

# EB3 DIRECT/INDIRECT

## Powerful "7 IN 1" 7 Lighting Distributions

EB3 series can provide smooth direct or indirect lighting distribution. \* "7 in 1" 7 embedded lighting distributions adjusting by dip switch.



\* Smoothly control direct/indirect lighting distributions by a remote 0-10V dimmer.

## Combining Architectural Aesthetics With Visual Comfort

Flexible and sophisticated, the linear lighting families featured in top finishes, with professional optics and unprecedented performance.



**Diffuser**  
It allows the light to custom the diffuser lengths, up to 42".



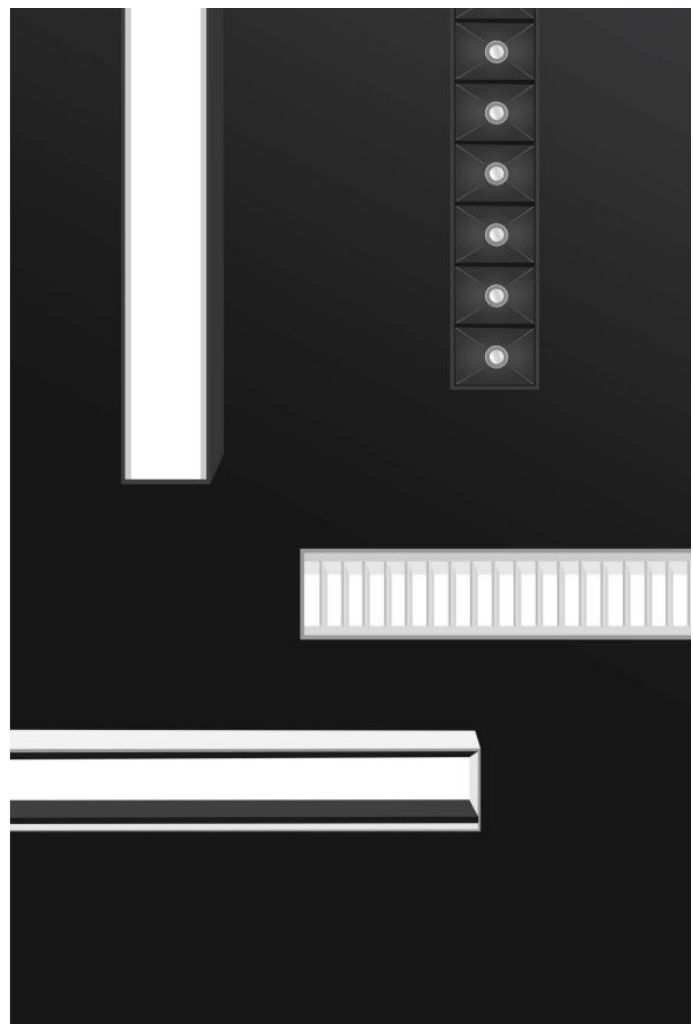
**Louver**  
Straight blade louver, allows the light to diffuse for a direct and indirect lighting combination.



**Deep Regressed**  
A snap-in lens for easy custom colors and visual comfort.



**Micro Reflector**  
Exclusive low glare modular optics, UGR<15.

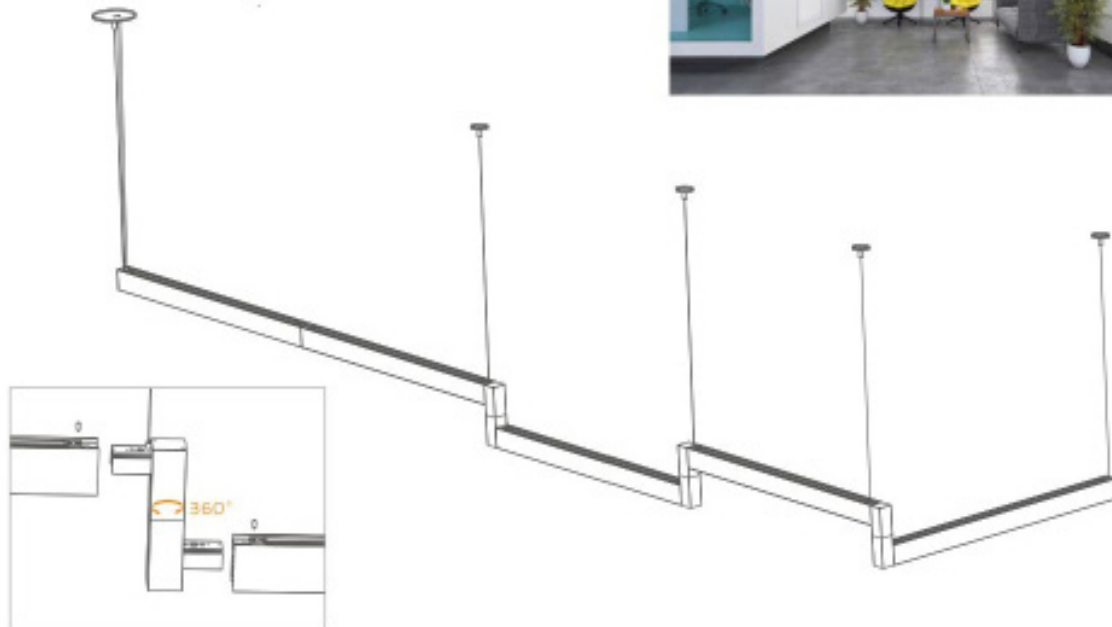


# EB3 DIRECT/INDIRECT

## 360° Bridge Bracket System - Z Joiner

Virtually limitless design possibilities

It allows for maximum flexibility for continuous runs whether straight or with turns at any horizontal angle, in single or multiple planes, which enables a wide range of lighting pattern configurations.



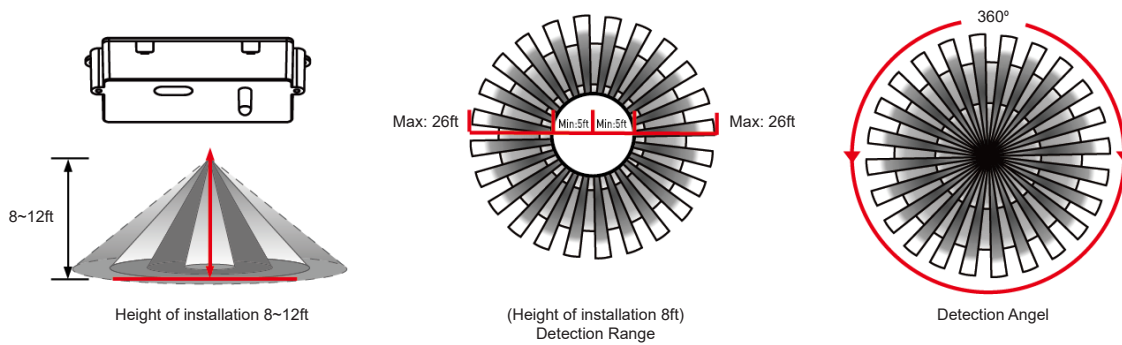


# EB3 DIRECT/INDIRECT

## CMS (Occupancy Sensor)



## Sensor Coverage



# ARCHITECTURAL EDGE BEAM LINEAR 2.3"

## EB3 CUSTOM PATTERNS

### Instruction:

- Please provide sketches illustrating corner types, overall dimensions including corner dimensions, and locations required.

