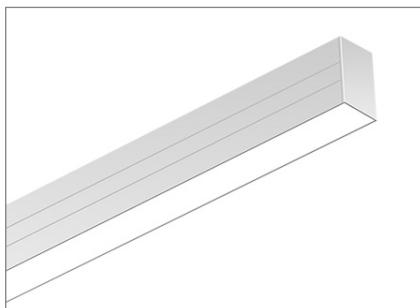


# EB3 DIRECT



**CASAMBI**

## APPLICATION

EB3 Direct 2.3" linear lighting is a unique linear series that brings any space to the center stage and available in surface mounting. These timeless, streamlined forms blend well with contemporary decors and modern workplaces. These linear luminaries are available in 2ft, 3ft and 4ft, simply provide wide, powerful lighting to any atmosphere with continuous runs. It can provide smooth 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.

Project Name:	
Type:	

## FEATURES:

- It offers a selection of professional lens such as standard flat lens, regressed lens and wall wash.
- Available in 2', 3' and 4', individual units or continuous runs.
- Custom pattern with optional L shape lit joiners.
- Extruded aluminum housing.
- Powder coated white finish as standard (contact factory for other optional finishes)
- Seamless with Line joiner with no socket shadows or hot-spots.

## 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).
- Mounting kits are shipped separately for field installation.
- Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC
- Custom Pattern with optional L shape lit joiners.

## LED:

- Wattage selectable (50%/75%/100%)
- CCT adjustable from 3000K, 3500K, 4000K
- IES LM-80 tested.
- Color Rendering Index: >80
- Minimum 50,000 hours life with 87.8% lumen maintenance in 25°C ambient temperature.

## ELECTRICAL:

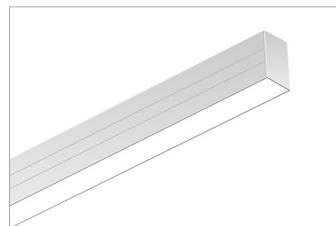
- High power factor electronic driver, operate from a 110 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Standard 0-10V dimming which continuous dims to 10% that works with low voltage dimming controls.
- Operating temperature: -4°F (-20°C) ~ 122°F (50°C).

## FINISH:

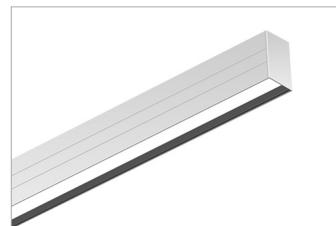
- Standard powder-coat textured white painted finish on exposed trim, consult factory for custom colors.

## LISTING:

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

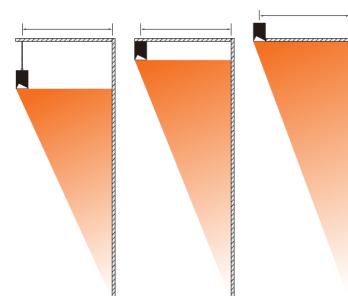
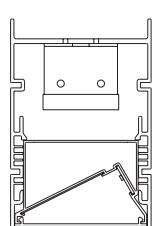


Flat Lens, Wall Wash

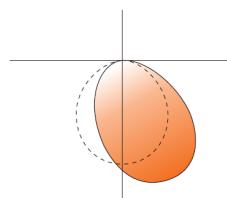


Regressed Lens

## Wall Wash Optic



18"-30" Recommended Distance from Wall



## EB3 DIRECT

## ORDERING INFORMATION

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

MODEL	ROW <sup>1</sup>		SECTION <sup>2</sup>		LED		COLOR TEMP.		MOUNTING	
<b>EB3-IND</b> (Individual Mount) <b>EB3-CON</b> (Continuous Row Mount)	xx'	Specify nominal overall row length	2 3 4	2' Length 3' Length 4' Length	3S	100%, 75%, 50% adjustable	3T	Selectable 30/35/40K	(Blank) <b>S</b> <b>W</b>	Pendant Ceiling Surface Wall
<b>EB3-CM</b> (Custom)	Must provide a sketch on the last page								** Mounting kits are shipped separately for field installation	

VOLTAGE		SHIELDING		FINISH		CEILING TYPE (for pendant and surface)		SUSPENSION LENGTH	
UNV	120-277V	(Blank) <b>DR</b> <b>WW</b>	Standard diffuser Deep Regressed Wall Wash	(Blank) <b>CC</b>	White (Std.) Custom Color <sup>3</sup>	X1 X2 X3 X4 X5 X6	15/16" T-bar ceiling Hard ceiling Sloped Hard ceiling 9/16" T-bar ceiling 9/16" Screw Slot ceiling 15/16" Screw Slot ceiling	<b>AC48</b> <b>AC144</b>	Adjustable Aircraft Cable Canopy 48" L (Std.) Adjustable Aircraft Cable Canopy 144" L

OPTIONS	
<b>REM8</b>	8W remote EM for field install
<b>REM25</b>	25W remote EM for field install
<b>CMS</b>	Daylight Harvesting Occupancy Sensor (Installed inside canopy) <sup>4</sup>
<b>CASAMBI</b>	Contact factory for CASAMBI READY options
<b>OLR</b>	40ft length seamless lens roll for field installation

## NOTES:

1. Specify only when Continuous Row Mount.
2. Refer to length availability chart per shielding options.
3. Refer to color charts (RAL and/or Cardinal) in the separate attachment.
4. Available with Pendant mount only.

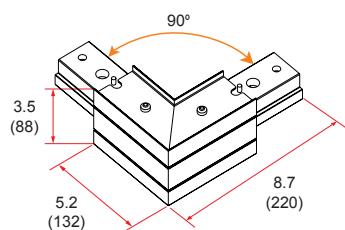
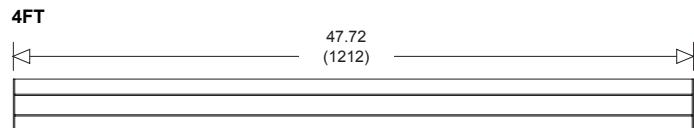
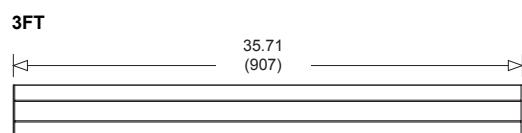
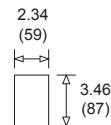
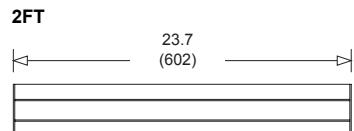
## CONFIGURATIONS

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 Diffuse	2'	20W	2300 lm	115 lm/W	1720 lm	115 lm/W	1150 lm	115 lm/W
	3'	30W	3450 lm		2580 lm		1725 lm	
	4'	40W	4600 lm		3340 lm		2300 lm	
Deep Regressed	2'	20W	1600 lm	80 lm/W	1200 lm	80 lm/W	800 lm	80 lm/W
	3'	30W	2400 lm		1800 lm		1200 lm	
	4'	40W	3200 lm		2400 lm		1600 lm	
Wall Wash	2'	20W	1600 lm	80 lm/W	1200 lm	80 lm/W	800 lm	80 lm/W
	3'	30W	2400 lm		1800 lm		1200 lm	
	4'	40W	3200 lm		2400 lm		1600 lm	

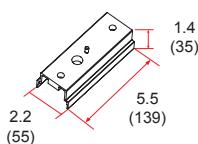
\* Based on 4000K CCT

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

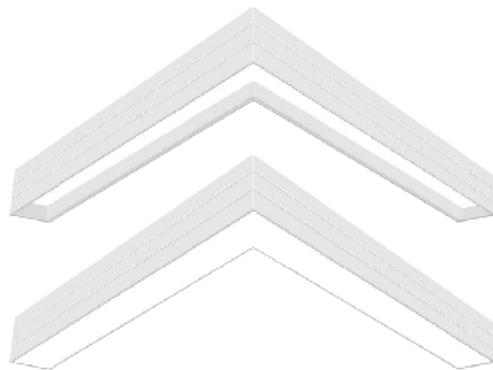
# EB3 DIRECT



L-shape joiner



Line joiner



L-shape

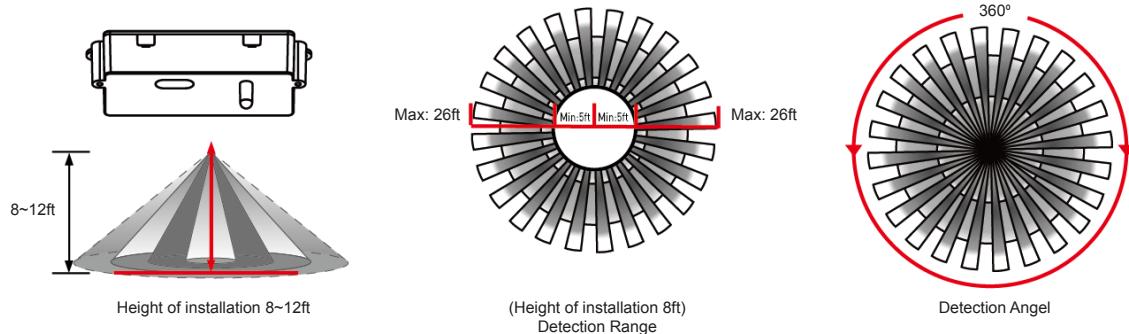
**ARCHITECTURAL** EDGE BEAM LINEAR 2.3" DIRECT

# EB3 DIRECT

CMS (Occupancy Sensor)



Sensor Coverage



# ARCHITECTURAL EDGE BEAM LINEAR 2.3" DIRECT

## EB3 Direct CUSTOM PATTERNS

### Instruction:

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

