

EB4 Recessed

Project Name:	
Type:	



CASAMBI

APPLICATION

EB4 Recessed 3.8" linear lighting is a unique linear series that brings any space to the center stage and available in recessed mounting. (Please refer to other EB4 spec sheet for pendant, surface, and wall mounting options.) 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 downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. Unleash lighting design flexibility with EB4 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 standard flat lens and regressed lens.
- Available in 2', 3', 4' and 8' 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:

- Compatible with T-bar and drywall ceiling (trimless spackle flange).
- 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:

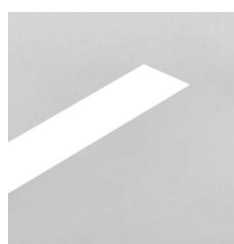
- High power factor electronic driver, operate from a 110 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Standard 0-10V dimming which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

FINISH:

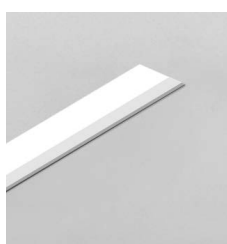
- Standard powder-coat textured white painted finish on exposed trim, consult factory for custom colors.

LISTING:

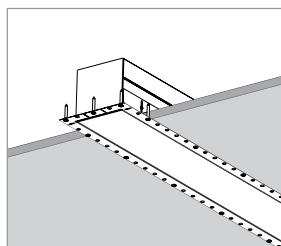
- UL / CUL listed.
- UL listed for dry & damp location.
- 5 years limited warranty.



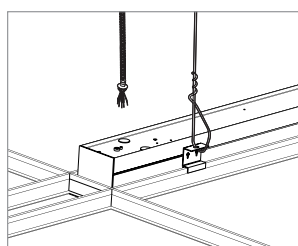
Flat Lens



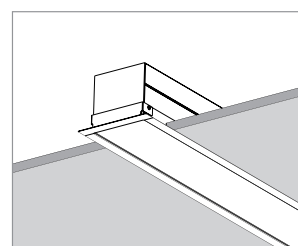
Regressed Lens



SF Mounting option



G1 Mounting option



FT Mounting option

EB4 Recessed

ORDERING INFORMATION

EXAMPLE: EB4-IND-4-3S-3T-UNV

MODEL	ROW ¹		SECTION ²		LED		COLOR TEMP.		MOUNTING	
EB4-IND (Individual Mount) EB4-CON (Continuous Row Mount)	xx'	Specify nominal overall row length	2	2' Length	3S	100%, 75%, 50% adjustable	3T	Selectable 30/35/40K	G1 SF FT	T-bar ceiling Spackle flange(Trimless) Flanged Trim for drywall ceiling
EB4-CM (Custom)	Must provide a sketch on the last page								** Mounting kits are shipped separately for field installation	

VOLTAGE		SHIELDING		FINISH		OPTIONS	
UNV	120-277V	(Blank) DR	Standard diffuser Deep Regressed	(Blank) CC	White (Std.) Custom Color ³ *Non-standard finish with extra charge.	REM8 REM25 MS CASAMBI	8W remote EM for field install 25W remote EM for field install Occupancy Sensor Installed Contact factory for CASAMBI READY options

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.

CONFIGURATIONS

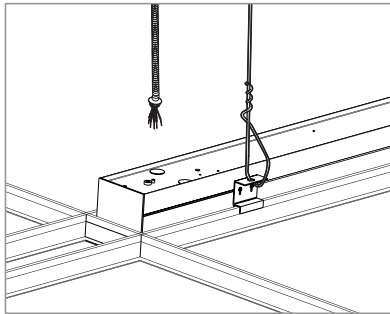
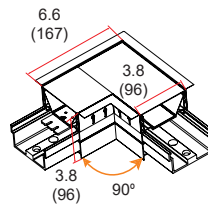
Series	Size	System Watts @ 100%	High (100%) - 10W/ft		Medium (75%) - 7.5W/ft		Low (50%) - 5W/ft	
			Lumen Output	Lumen Efficiency	Lumen Output	Lumen Efficiency	Lumen Output	Lumen Efficiency
Standard Diffuser	2'	20W	2307 lm	115 lm/W	1730 lm	115 lm/W	1153 lm	115 lm/W
	3'	30W	3422 lm	114 lm/W	2566 lm	114 lm/W	1711 lm	114 lm/W
	4'	40W	4537 lm	113 lm/W	3402 lm	113 lm/W	2268 lm	113 lm/W
	8'	80W	8996 lm	112 lm/W	6747 lm	112 lm/W	4498 lm	112 lm/W
Deep Regressed	2'	20W	2373 lm	118 lm/W	1779 lm	118 lm/W	1186 lm	118 lm/W
	3'	30W	3403 lm	113 lm/W	2552 lm	113 lm/W	1701 lm	113 lm/W
	4'	40W	4436 lm	111 lm/W	3327 lm	111 lm/W	2218 lm	111 lm/W
	8'	80W	8559 lm	106 lm/W	6419 lm	106 lm/W	4279 lm	106 lm/W

* Based on 3500K CCT

	Multiplier	
CCT	3000K	4000K
Down only	0.9822	1.05
Up&Down	0.9856	1.0534

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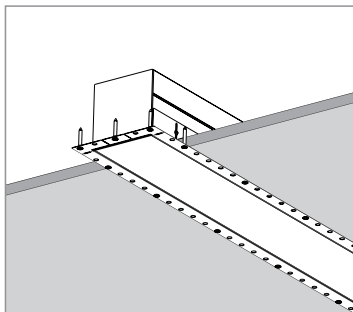
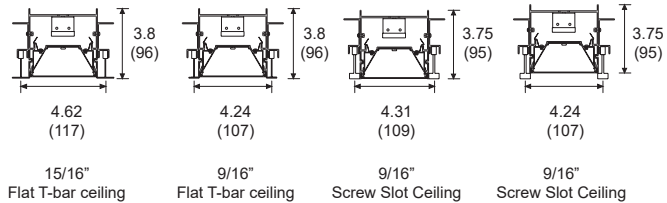
L shape joiner



Recessed T-bar ceiling

T-Grid Hook

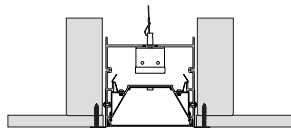
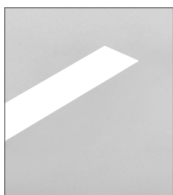
EB4 recessed luminaires offer grid mount which can fit easily in a variety of T-Grid ceiling types, allowing to be fully and seamlessly integrated into 9/16" flat, 9/16" slot or 15/16" flat T-grid ceiling types. It supports to be installed in individual or seamless continuous runs.



Recessed Mud-In Drywall Ceiling (Trimless)

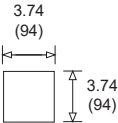
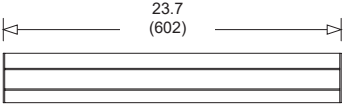
Drywall Spackle Flange - Trimless

EB4 recessed luminaires offer trimless drywall configurations. It is an innovative LED luminaire designed to deliver a modern aesthetic and complement today's interior spaces, perfect for high-end drywall applications requiring a small profile with seamless lines of light and no pixels or shadows.

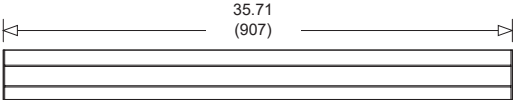


EB4 Recessed

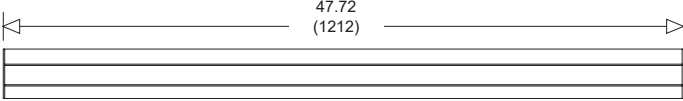
2FT



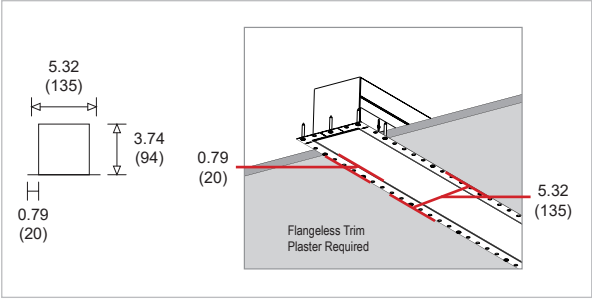
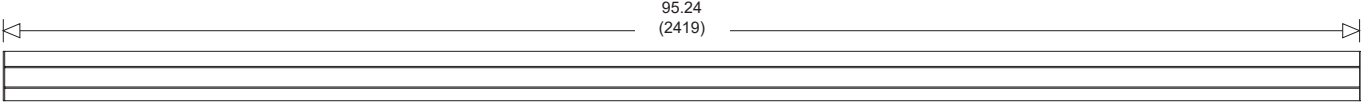
3FT



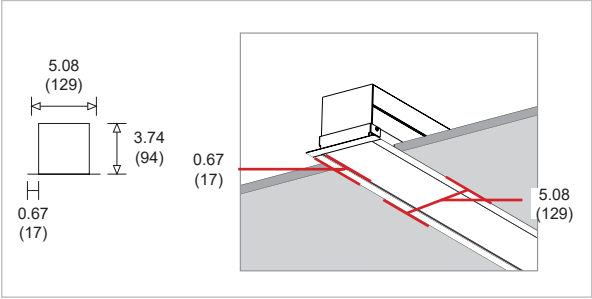
4FT



8FT



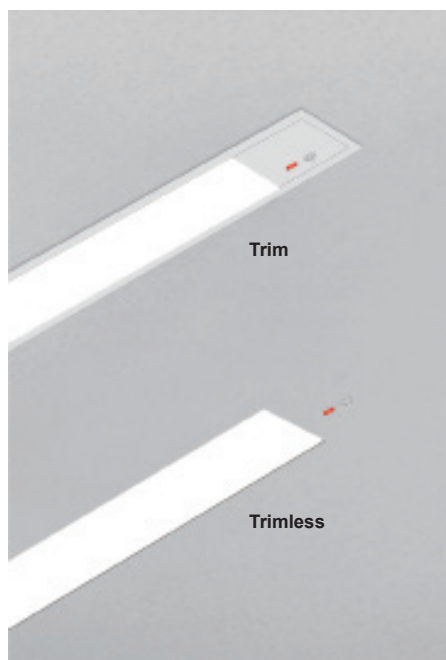
SF Mounting



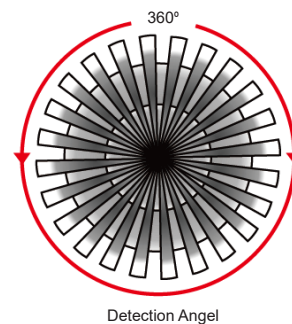
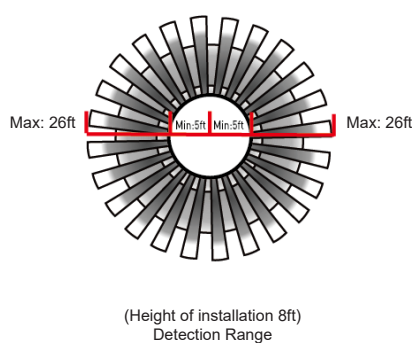
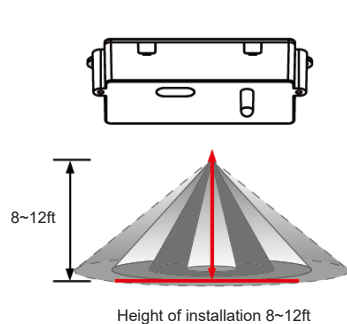
G1 & FT Mounting

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MS (Occupancy Sensor Installed)



Sensor Coverage



100

Instruction: