

# 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:

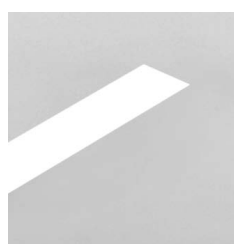
- High power factor electronic driver, operate from a 110 ~ 277 Vac input range, 50 / 60 Hz.
- Features included over voltage protection, surge, short circuit protection and over load protection.
- Power Factor: typical > 0.95, THD <20, meets Class1 or Class 2 circuit.
- Standard 0-10V dimming which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

## FINISH:

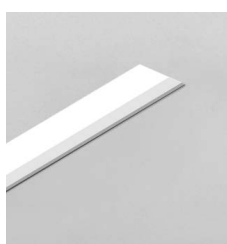
- Standard powder-coat textured white painted finish on exposed trim, consult factory for custom colors.

## LISTING:

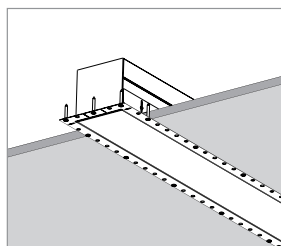
- UL / CUL listed.
- UL listed for dry & damp location.
- 5 years limited warranty.



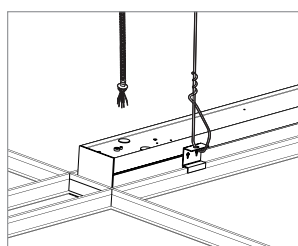
Flat Lens



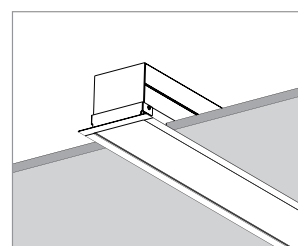
Regressed Lens



SF Mounting option



G1 Mounting option



FT Mounting option

# EB4 Recessed

## ORDERING INFORMATION

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

| MODEL                                                                            | ROW <sup>1</sup>                       |                                    | SECTION <sup>2</sup> |           | LED       |                           | COLOR TEMP. |                      | MOUNTING                                                       |                                                                                                                                   |
|----------------------------------------------------------------------------------|----------------------------------------|------------------------------------|----------------------|-----------|-----------|---------------------------|-------------|----------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>EB4-IND</b><br>(Individual Mount)<br><b>EB4-CON</b><br>(Continuous Row Mount) | <b>xx'</b>                             | Specify nominal overall row length | <b>2</b>             | 2' Length | <b>3S</b> | 100%, 75%, 50% adjustable | <b>3T</b>   | Selectable 30/35/40K | <b>G1C</b><br><b>SF</b><br><b>FT</b><br><b>G1F</b>             | T-bar ceiling with T-grid Hook<br>Spackle flange(Trimless)<br>Flanged Trim for drywall ceiling<br>T-bar ceiling with flanged trim |
| <b>EB4-CM</b><br>(Custom)                                                        | Must provide a sketch on the last page |                                    |                      |           |           |                           |             |                      | ** Mounting kits are shipped separately for field installation |                                                                                                                                   |

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

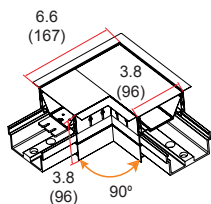
| Series            | Size | System Watts @ 100% | High (100%) - 10W/ft |                  | Medium (75%) - 7.5W/ft |                  | Low (50%) - 5W/ft |                  |
|-------------------|------|---------------------|----------------------|------------------|------------------------|------------------|-------------------|------------------|
|                   |      |                     | 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

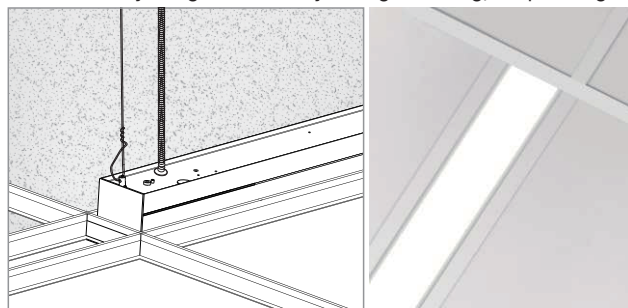
|           | Multiplier |        |
|-----------|------------|--------|
| CCT       | 3000K      | 4000K  |
| Down only | 0.9822     | 1.05   |
| Up&Down   | 0.9856     | 1.0534 |

# EB4 Recessed

L shape joiner

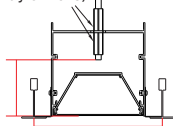


**G1F** Mount by flanged trim to lay on T-grid ceiling/Drop ceiling



1/4"-20 nut (Supplied by others) 1/4"-20 Threaded rod to structure

3.8" Width Linear: 2.24"



3.8" Width Linear: 5.24"

Mounting Kits

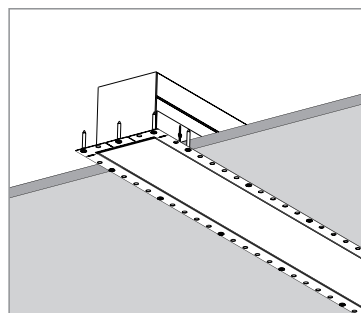
x 5

x 28

x 2



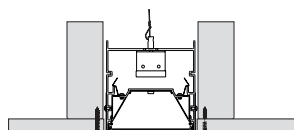
2FT1 3FT1 4FT1 8FT



**Recessed Mud-In Drywall Ceiling (Trimless)**

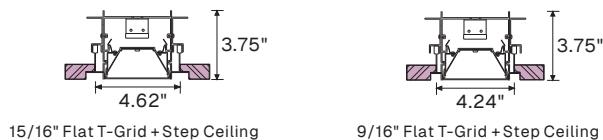
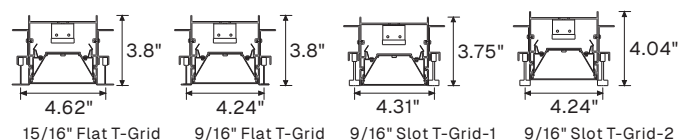
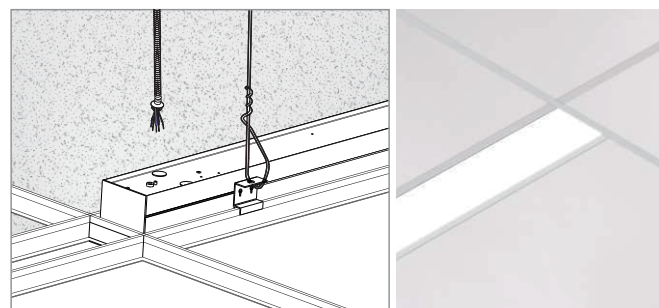
Drywall Spackle Flange - Trimless

EB4 recessed luminaires offer trimless drywall configurations. It is an innovative LED luminaires 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.



**G1C**

Mount by T-grid hooks to secure in T-grid ceiling / Drop ceiling

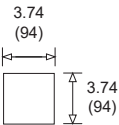
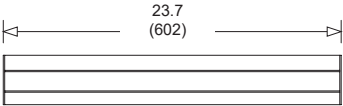


Mounting Kits

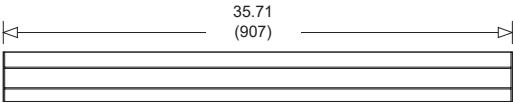


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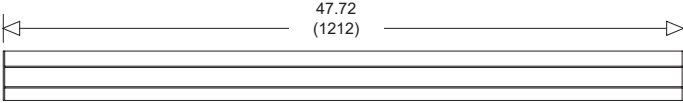
2FT



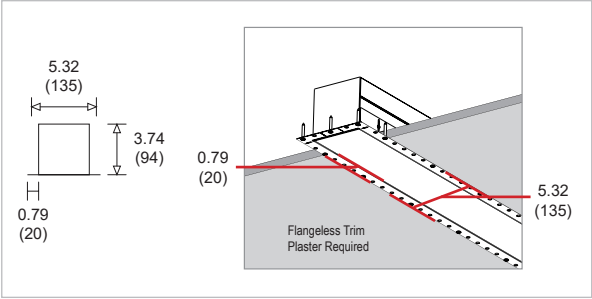
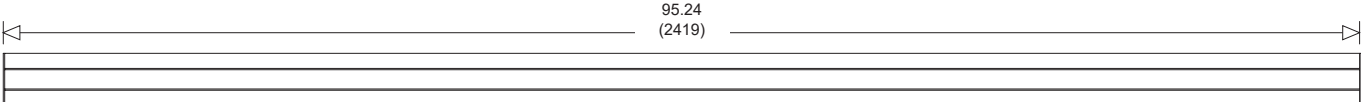
3FT



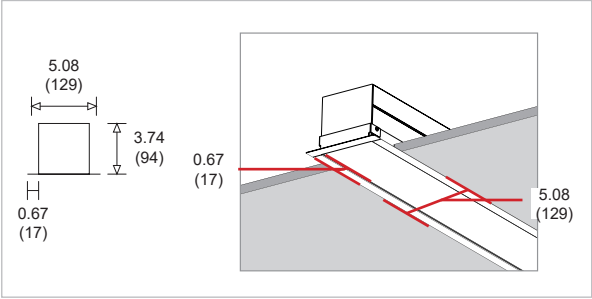
4FT



8FT



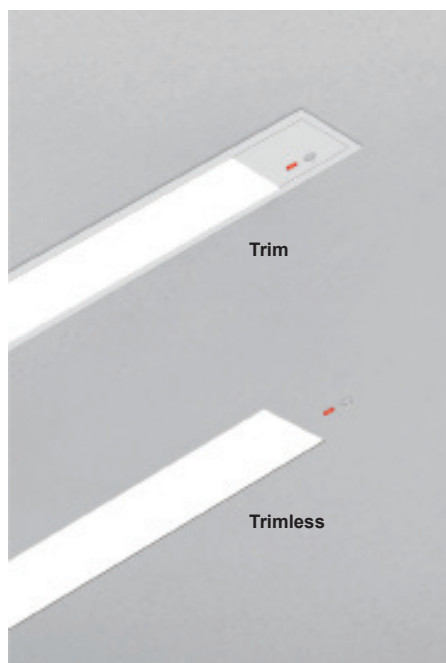
SF Mounting



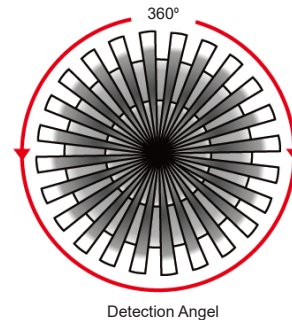
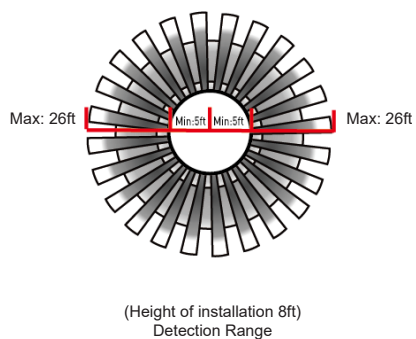
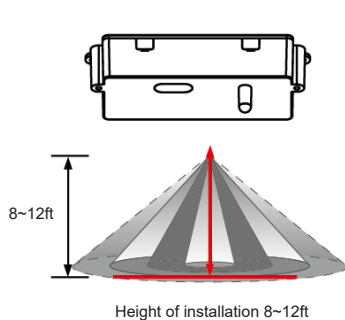
G1 & FT Mounting

# EB4 Recessed

MS (Occupancy Sensor Installed)



Sensor Coverage



**ARCHITECTURAL** EDGE BEAM LINEAR 3.8" RECESSED

**EB4 Recessed CUSTOM PATTERNS**

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

A large grid of squares, approximately 30 squares wide and 40 squares high, intended for sketching custom patterns. The grid is composed of thin gray lines on a white background.