



LUXEON XF-3014 CV

Flexible light source distributing uniform light across user selectable lengths



LUXEON XF-3014 CV is for constant voltage driven applications that require a flexible design capable of maintaining uniform light distribution over long lengths. These current regulated flexible strips come in variable length options and are either cuttable or include snap-together connectors for precision design. Designed for ease of system integration, faster time to market and best-in-class reliability, LUXEON XF-3014 CV is available in the following configurations:

- 6 LEDs per segment cuttable every 96mm
- 6 LEDs, 96mm segments with connectors
- 30 LEDs, 480mm segments with connectors

FEATURES AND BENEFITS

112 lumens per 96mm segment with 110 lm/W efficacy at 24V, $T_j=50^\circ\text{C}$

2700, 3000 and 4000K CCT offerings with 80CRI

<2% light output attenuation over 10m length

Backside adhesive for attachment to heat sink allows for ease of mounting and assembly

Complete integrated solution guarantees simplified supply chain and faster time to market

5 year limited warranty

PRIMARY APPLICATIONS

Downlights

Indoor Area Lighting

- Under Cabinet

Specialty Lighting

- Cove
- Accent

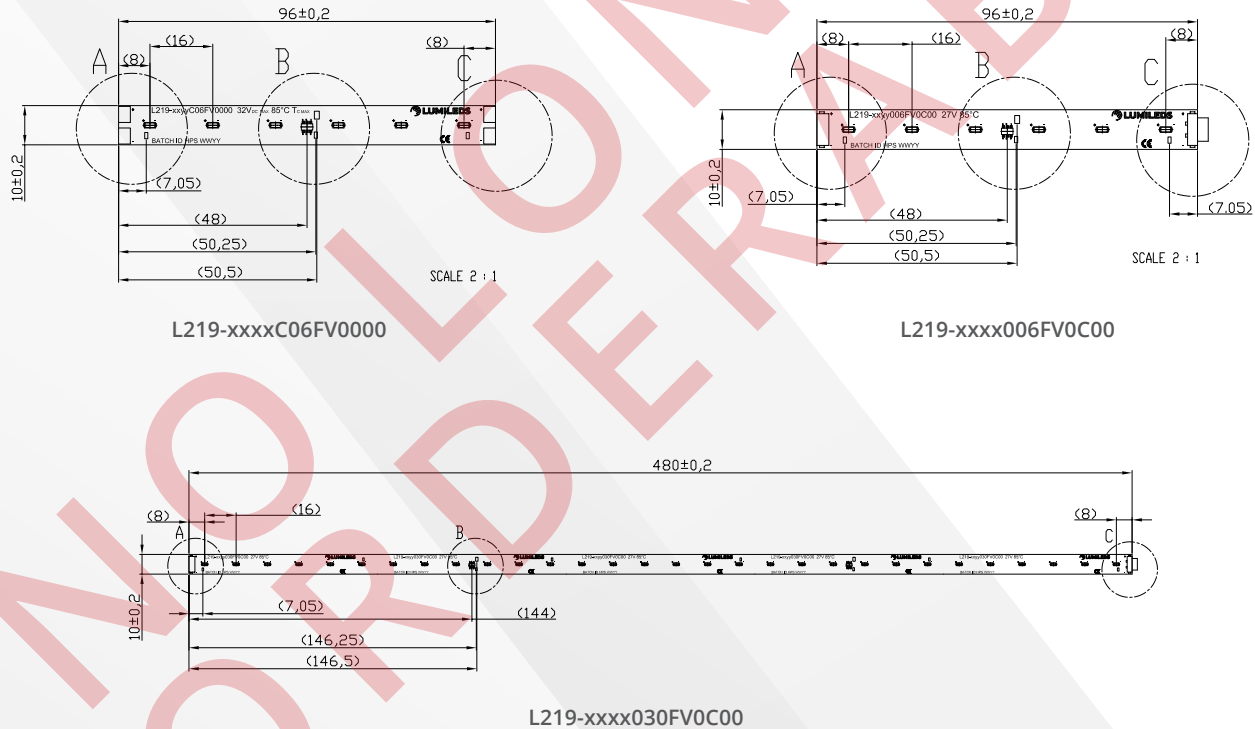
LUXEON XF-3014 CV product performance at 24V, specified current, $T_j=50^{\circ}\text{C}$.

CONFIGURATION	NOMINAL CCT	MINIMUM CRI	LUMINOUS FLUX (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	REGULATED CURRENT ^[1] (mA)	SEGMENT TYPE ^[2]	PART NUMBER
			MINIMUM	TYPICAL				
6 LEDs, 96mm (1 parallel x 6 series)	2700K	80	86	98	95	42.5	Cuttable	L219-2780C06FV0000
	3000K	80	90	102	100	42.5	Cuttable	L219-3080C06FV0000
	4000K	80	100	112	110	42.5	Cuttable	L219-4080C06FV0000
6 LEDs, 96mm (1 parallel x 6 series)	2700K	80	86	98	95	42.5	Connectors	L219-2780006FV0C00
	3000K	80	90	102	100	42.5	Connectors	L219-3080006FV0C00
	4000K	80	100	112	110	42.5	Connectors	L219-4080006FV0C00
30 LEDs, 480mm (5 parallel x 6 series)	2700K	80	430	490	95	212.5	Connectors	L219-2780030FV0C00
	3000K	80	450	510	100	212.5	Connectors	L219-3080030FV0C00
	4000K	80	500	560	110	212.5	Connectors	L219-4080030FV0C00

Notes:

- Supply should be capable of providing 42.5mA per 96mm segment or 6 LEDs in series.
- Cuttable options feature pre-tinned solder terminals and comes in 19.2m continuous reel.

Mechanical Dimensions.



Notes:

- Drawings are not scale.
- All dimensions are in millimeters.

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