



LUXEON XR-3535L

Turnkey solution on a rigid substrate enabling high-efficacy designs



LUXEON XR-3535L is a fully integrated solution optimized for lighting applications requiring linear LED arrays mounted on a rigid and thermally conductive substrate. The turnkey solution minimizes time to market and simplifies supply chain by reducing optical and mechanical design efforts. Combined with LUXEON 3535L, the integrated unit provides the same powerful optical performance guaranteed by LUXEON LEDs.

FEATURES AND BENEFITS

- 1400–1500 lumen offerings enabling efficacies of up to 152 lm/W
- A full range of CCT offerings: 3000–5000K with 80CRI minimum
- Complete integrated solution guarantees simplified supply chain and faster time to market
- Super CEM3 PCB rigid substrate for mechanical robustness and efficient heat dissipation
- Two electrical connector options with snap-together or pushbutton terminal blocks
- Zhaga certified mechanical design for easy mounting and assembly
- UL-recognized component [E335118]

PRIMARY APPLICATIONS

- Indoor Area Lighting
 - Troffers

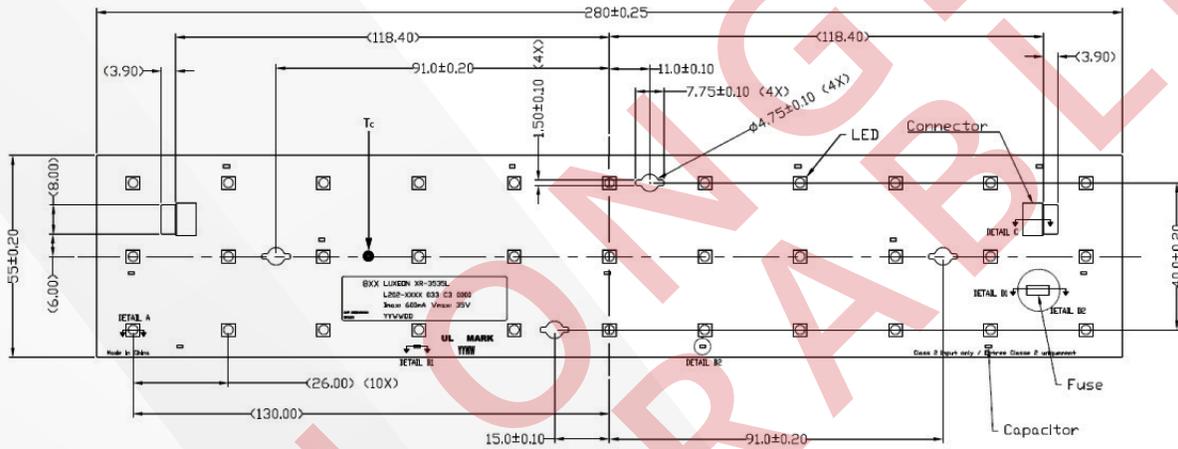
LUXEON XR-3535L product performance at 300mA, $T_j=25^{\circ}\text{C}$ [1].

NOMINAL CCT	MINIMUM CRI [2]	LUMINOUS FLUX [3] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER [4]
		MINIMUM	TYPICAL		
3000K	80	1320	1403	142	L202 - 3080033C3000x
3500K	80	1386	1469	148	L202 - 3580033C3000x
4000K	80	1419	1502	152	L202 - 4080033C3000x
5000K	80	1419	1502	152	L202 - 5080033C3000x

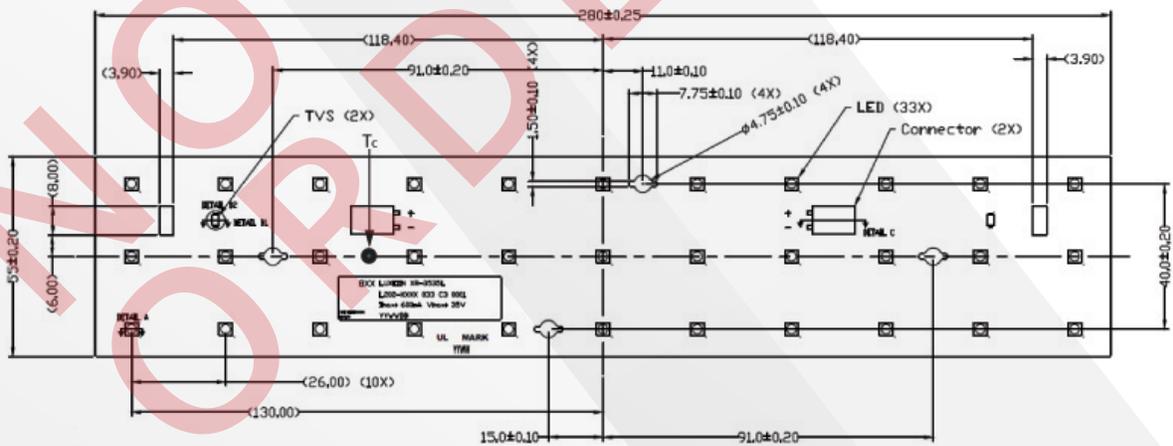
Notes:

1. Nominal current is 100mA x 3 parallel strings = 300 mA.
2. Lumileds maintains a tolerance of ± 2 on CRI measurements.
3. Lumileds maintains a tolerance of $\pm 7.5\%$ on flux measurements.
4. "x" is an attribute used to designate connector brand/type. See Part Number Nomenclature on product datasheet.

Mechanical Dimensions for L202 - xxxx033C30000 (snap-together connectors).



Mechanical Dimensions for L202 - xxxx033C30001 (pushbutton connectors).



Notes:

1. Drawings are not scale.
2. All dimensions are in millimeters.

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