











LUXEON V2

Best performance. Most usable light. Proven package.



LUXEON V2 is a Chip Scale Package (CSP) based high power domed LED optimized for directional applications to continue Lumileds leadership in this category. LUXEON V2 delivers high efficacy and robustness in a 3535 package with 3-stripe footprint designed to accelerate time to market by matching the radiation pattern of LUXEON TX while improving system costs through unparalleled performance (flux and efficacy).

FEATURES AND BENEFITS

CSP technology enables high efficacy

Radiation pattern matched to LUXEON TX

3535 package with 3-stripe footprint for ease of design

PRIMARY APPLICATIONS

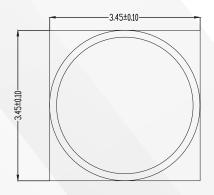
Linear
Wall Wash
High Bay
Low Bay
Landscape Lighting
Torch
More

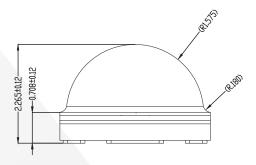
LUXEON V2 product performance at 700mA, T_i=85°C.

NOMINAL CCT	MINIMUM CRI ^[1]	LUMINOUS FLUX [2] (Im)		TYPICAL LUMINOUS	
		MINIMUM	TYPICAL	EFFICACY (lm/W)	PART NUMBER
		700mA			
2700K	70	250	267	135	L1V2-2770000000000
3000K	70	280	296	150	L1V2-3070000000000
4000K	70	290	315	159	L1V2-4070000000000
5000K	70	290	315	159	L1V2-5070000000000
5700K	70	290	315	159	L1V2-5770000000000
6500K	70	290	310	156	L1V2-6570000000000
3000K	80	250	269	136	L1V2-3080000000000

- Lumileds maintains a tolerance of ±2 on CRI.
 Lumileds maintains a tostor tolerance. Lumileds maintains a tester tolerance of $\pm 6.5\%$ on luminous flux measurements.

Mechanical Dimensions.





Notes:

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

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