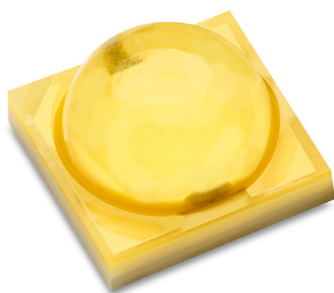




LUXEON V2

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...](#)

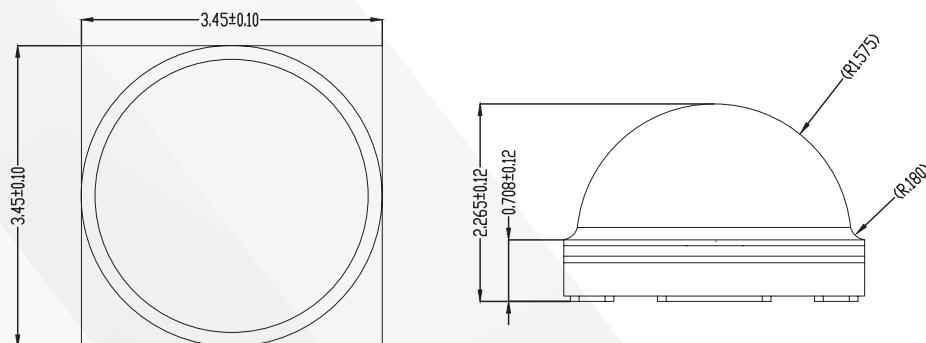
LUXEON V2 product performance at 700mA, T_j=85°C.

NOMINAL CCT	MINIMUM CRI ^[1]	LUMINOUS FLUX ^[2] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
		MINIMUM	TYPICAL		
		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

Notes:

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

Mechanical Dimensions.



Notes:

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