





LUXEON HL2X-V



Higher performance, high quality of light and low thermal resistance.



LUXEON HL2X-V is a high-power domed emitter designed for applications like streetlights and high bay luminaires. The package is designed to deliver superior output, efficacy, color stability and longevity.

LUXEON HL2X-V utilizes an industry standard 3535 package with 3-stripe footprint. This compatibility allows for efficient and simpler conversion to the better performing LUXEON HL2X-V from any other similar platform.

FEATURES AND BENEFITS

Most usable light in application with design emphasis on Beam Angle, Field Angle, Color Over Angle and Optical Efficiency performance

Industry standard 3535 package with 3-stripe footprint

Offered in multiple Luminous Flux Performance categories for customer flexibility in design and application

Superior thermal management for extended operating lifespan

PRIMARY APPLICATIONS

High Mast
Floodlights
Spotlights
High Bay
Low Bay
Torch
More

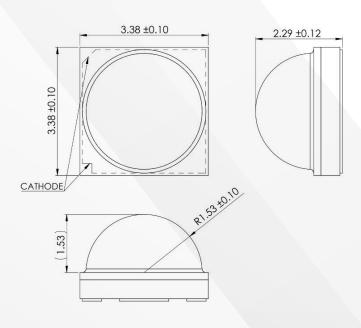


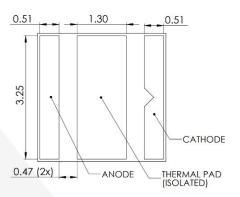
Product performance of LUXEON HL2X-V at 700mA, T_i=85°C.

	MINIMUM R9 ^[3]	MINIMUM CRI [1]	LUMINOUS FLUX ^[2] (lm)		TYPICAL	
NOMINAL CCT			MINIMUM	TYPICAL	EFFICACY (Im/W) PA	PART NUMBER
•••			700mA			
2700K	-43	70	300	325	168	L1HX-27702V0000000
3000K	-43	70	310	335	173	L1HX-30702V0000000
4000K	-43	70	330	355	183	L1HX-40702V0000000
5000K	-43	70	330	355	183	L1HX-50702V0000000
5700K	-43	70	330	355	183	L1HX-57702V0000000
6500K	-43	70	330	350	181	L1HX-65702V0000000

- Lumileds maintains a tolerance of ±2 on CRI.
- Lumileds maintains a tester tolerance of $\pm 6.5\%$ on luminous flux measurements.
- 3. Lumileds maintains a tester tolerance of ±6.5 on R9 measurements.

MECHANICAL DIMENSIONS





UNLESS OTHERWISE SPECIFIED:

- General tolerance +/-0.1mm
 Dimensions and tolerances apply to finished part

Notes:

- Drawings are not to scale.
- All dimensions are in millimeters.
- 3. Do not handle the device by the dome. Excessive force on the dome may damage the dome itself or the interior of the device.

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