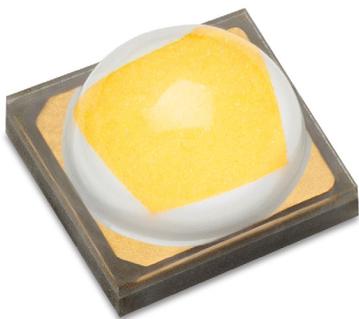




LUXEON HL2X

Best performance. Most usable light. Proven package.



LUXEON HL2X is a 2mm² CSP high power domed emitter designed specifically for outdoor and industrial applications like street lights and high bay luminaires. The package is optimized for directional lighting with emphasis on “usable light in application”.

LUXEON HL2X delivers high efficacy and robustness in an industrial standard 3535 package with 3-stripe footprint. This is designed to accelerate time to market through compatibility with LUXEON TX optics, while improving system costs through superior performance (flux and efficacy).

FEATURES AND BENEFITS

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

CSP die technology enables high efficacy and high driving current capability in unique applications

Industry standard 3535 package with 3-stripe footprint and radiation pattern matched to LUXEON TX for ease of design

PRIMARY APPLICATIONS

Roadway

Industrial / Warehouse

Area

Sports

Wall Grazer / Wall Wash

Specialty

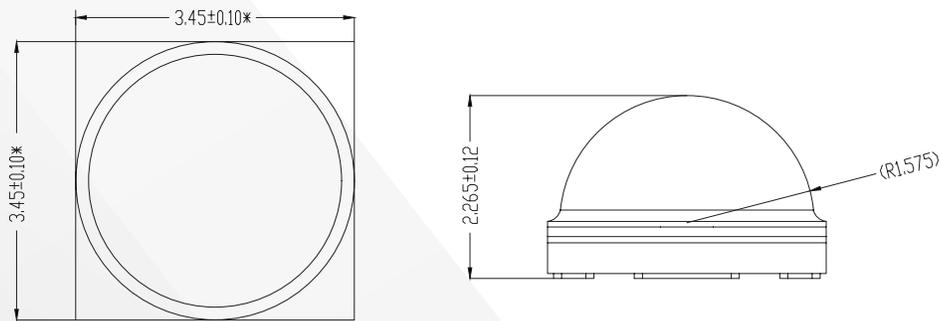
LUXEON HL2X product performance at 700mA, T_j=85°C.

NOMINAL CCT	MINIMUM CRI ^[1]	LUMINOUS FLUX ^[2] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
		MINIMUM	TYPICAL		
		700mA			
2700K	70	260	280	141	L1HX-2770200000000
4000K	70	300	318	161	L1HX-4070200000000
6500K	70	290	313	158	L1HX-6570200000000

Notes:

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

Mechanical Dimensions.



Notes:

1. Drawings are not to scale.
2. 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.