





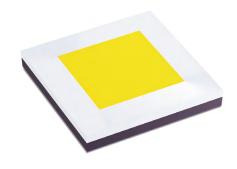






LUXEON HL4Z

Superior flux density and flexibility for precision light controls.



LUXEON HL4Z is a specially designed high-power un-domed emitter suitable for outdoor and industrial applications like streetlights and high bay luminaires.

LUXEON HL4Z provides maximum lumen outputs, and overall system efficacy in an industry standard 3535 package with 3-stripe footprint. With plenty of light coming from a small LES device and flexibility of optical control, it is perfect for fixture designs need high flux density and precision light controls.

FEATURES AND BENEFITS
Highest lumens per emitter on smallest LES
Ability to drive at high maximum current
Industry standard 3535 package with 3-stripe footprint, suitable for existing designs with higher efficacy requirements
Special materials selection enables long lasting reliability in harsh environment

PRIMARY APPLICATIONS

Outdoor High Mast
Floodlights
Spotlights
High Bay
Low Bay
Torch
More



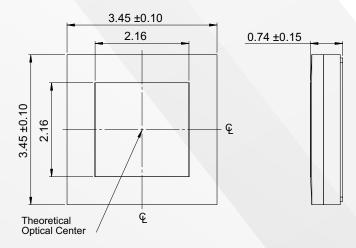
LUXEON HL4Z product performance at 1400mA, T_i=85°C.

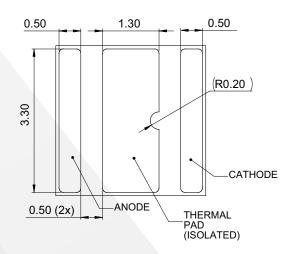
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NOMBA	MINIMUM R9 ^[3]	MINIMUM CRI ^[1]	LUMINOUS FLUX ^[2] (lm)		TYPICAL LUMINOUS	
NOMINAL CCT			MINIMUM	TYPICAL	EFFICACY (Im/W)	PART NUMBER
				1400mA		
3000K	-40	70	560	600	149	L1HZ-307040000000
4000K	-40	70	585	626	155	L1HZ-407040000000
5000K	-40	70	590	630	156	L1HZ-507040000000
5700K	-40	70	595	635	157	L1HZ-577040000000
6500K	-40	70	595	635	157	L1HZ-657040000000
3000K	0	80	475	517	128	L1HZ-308040000000
4000K	0	80	510	550	136	L1HZ-408040000000
5000K	0	80	520	560	139	L1HZ-508040000000
5700K	0	80	525	565	140	L1HZ-578040000000
3000K	50	90	395	440	109	L1HZ-309040000000
4000K	50	90	405	450	112	L1HZ-409040000000
5000K	50	90	415	470	117	L1HZ-509040000000
5700K	50	90	470	514	127	L1HZ-579040000000

Notes:

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

Mechanical Dimensions.





Notes:

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

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