





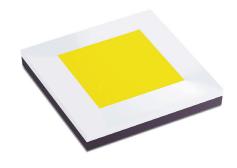






LUXEON HL4Z

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.

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

PRIMARY APPLICATIONS

Outdoor High Mast
Floodlights
Spotlights
High Bay
Low Bay
Torch
More

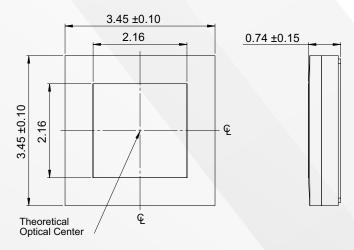


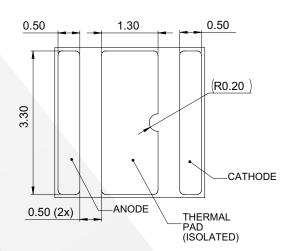
LUXEON HL4Z product performance at 1400mA, T_i=85°C.

IX [2] (lm)	TVDICAL	
UX ^[2] (lm) TYPICAL LUMINOUS		
TYPICAL	EFFICACY (lm/W)	PART NUMBER
1400mA		
622	154	L1HZ-307040000000
649	161	L1HZ-407040000000
653	162	L1HZ-507040000000
664	165	L1HZ-577040000000
664	165	L1HZ-657040000000
536	133	L1HZ-308040000000
585	145	L1HZ-408040000000
597	148	L1HZ-508040000000
601	149	L1HZ-578040000000
456	113	L1HZ-3090400000000
487	121	L1HZ-4090400000000
497	123	L1HZ-5090400000000
533	132	L1HZ-5790400000000
	1400mA 622 649 653 664 664 536 585 597 601 456 487 497	TYPICAL EFFICACY (Im/W) 1400mA 154 622 154 649 161 653 162 664 165 536 133 585 145 597 148 601 149 456 113 487 121 497 123

- 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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