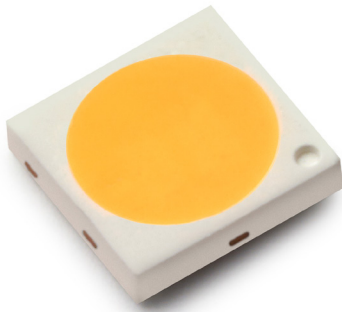




LUXEON 3030 HV

High flux, hot-color targeted, 24V and 48V mid power packages



LUXEON 3030 HV is an industry standard package to optimize total voltage output, available in 24V and 48V. This high voltage at low current architecture allows system design freedom and is compatible with more efficient and cost effective drivers. This mid power LED is 1/9th micro-color binned for tight color control and hot-color targeted to ensure that the LEDs are within color target at application conditions—85°C. LUXEON 3030 HV delivers efficacy and reliability for a variety of applications such as downlights, lamps and spotlights.

FEATURES AND BENEFITS

High voltage at low current, compatible with more efficient and cost effective drivers

24V and 48V options available to optimize total voltage output

1/9th micro color binning and 85°C hot-color targeting enables tight color control

EMC based package affirms lumen maintenance and long lifetime

PRIMARY APPLICATIONS

Downlights

Lamps

Spotlights

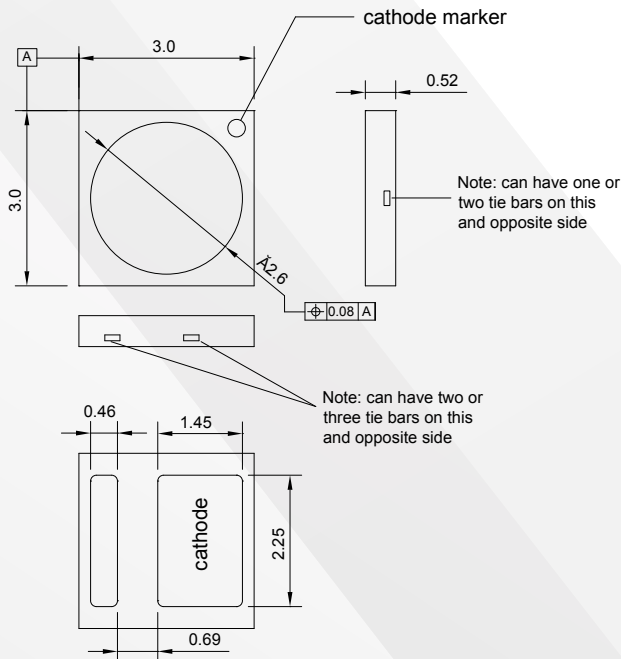
LUXEON 3030 HV product performance at specified test current and temperature.

VOLTAGE	NOMINAL CCT [1]	MINIMUM CRI [2, 3]	LUMINOUS FLUX [2, 3] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TEST CURRENT (mA)	PART NUMBER
			MINIMUM	TYPICAL			
24V	2700K	80	97	107	132	34	L130-27800BHV00001
	3000K	80	99	109	135	34	L130-30800BHV00001
	3500K	80	102	112	139	34	L130-35800BHV00001
	4000K	80	107	117	145	34	L130-40800BHV00001
	5000K	80	107	117	145	34	L130-50800BHV00001
	5700K	80	107	117	145	34	L130-57800BHV00001
	6500K	80	107	117	145	34	L130-65800BHV00001
48V	2700K	90	87	92	114	34	L130-27900BHV00001
	3000K	90	90	95	116	34	L130-30900BHV00001
	2700K	80	97	107	132	17	L130-27800CHV00001
	3000K	80	99	109	135	17	L130-30800CHV00001
	3500K	80	102	112	139	17	L130-35800CHV00001
	4000K	80	107	117	145	17	L130-40800CHV00001
	5000K	80	107	117	145	17	L130-50800CHV00001
48V	5700K	80	107	117	145	17	L130-57800CHV00001
	6500K	80	107	117	145	17	L130-65800CHV00001
	2700K	90	87	92	114	17	L130-27900CHV00001

Notes:

1. Correlated color temperature is not targeted at T_j=85°C.
2. Luminous flux and CRI specs are based upon mounted package on highly reflective surface at T_j=25°C. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
3. Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on luminous flux measurements.

Mechanical Dimensions.



Notes:

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

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