



LUXEON 3014

High efficacy compact package,
designed for high quality light output



LUXEON 3014 has a compact package size of 3.0mm x 1.4mm x 0.70mm—ideal for achieving uniform light output where space is limited, such as linear applications, tube lighting, and signage. LUXEON 3014 is hot-color targeted at a junction temperature of 65°C, ensuring color consistency and meeting ANSI standards at operating conditions.

FEATURES AND BENEFITS

Compact package design affirms uniformity and reduction in spottiness

Hot-color targeting ensures better color control

1/9th ANSI micro-color binning enables tight color control

120mA maximum driving current allows outstanding brightness

PRIMARY APPLICATIONS

Wall Grazer

Linear

Wall Wash

Sconce

Downlights

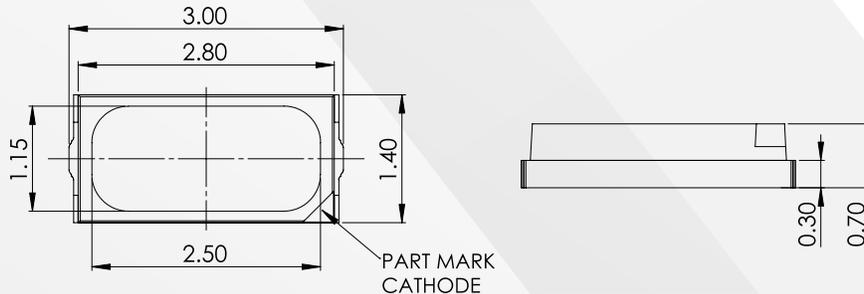
LUXEON 3014 product performance at 60mA and 30mA at test temperature.

NOMINAL CCT ^[1]	MINIMUM CRI ^[2, 3]	LUMINOUS FLUX ^[3] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TYPICAL LUMINOUS FLUX ^[2] (lm)	TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
		MINIMUM	TYPICAL				
		60mA			30mA		
8000K	70	25.0	28.0	150	15.0	172	L130-8070001400001
10000K	70	23.0	27.0	145	14.0	166	L130-1070001400001
2200K	80	19.0	22.5	127	12.1	145	L130-2280HE1400001
2500K	80	21.0	25.0	141	13.5	162	L130-2580HE1400001
2700K	80	23.0	26.5	150	14.3	171	L130-2780HE1400001
3000K	80	23.0	28.0	158	15.1	181	L130-3080HE1400001
3500K	80	23.0	28.0	158	15.1	181	L130-3580HE1400001
4000K	80	25.0	29.0	164	15.6	187	L130-4080HE1400001
5000K	80	25.0	29.0	164	15.6	187	L130-5080HE1400001
5700K	80	25.0	29.0	164	15.6	187	L130-5780HE1400001
6500K	80	25.0	28.5	161	15.3	184	L130-6580HE1400001
2200K	90	16.0	19.0	107	10.2	123	L130-2290001400001
2500K	90	16.0	21.0	119	11.3	136	L130-2590001400001
2700K	90	18.0	22.0	124	11.8	142	L130-2790001400001
3000K	90	19.0	23.0	130	12.4	149	L130-3090001400001
3500K	90	19.0	23.5	133	12.6	152	L130-3590001400001
4000K	90	20.0	24.5	138	13.2	158	L130-4090001400001
5000K	90	20.0	24.5	138	13.2	158	L130-5090001400001
5700K	90	20.0	24.5	138	13.2	158	L130-5790001400001
6500K	90	20.0	24.0	136	12.9	155	L130-6590001400001
2700K	95	18.0	20.0	113	10.8	129	L130-2795001400001
3000K	95	20.0	22.0	124	11.8	142	L130-3095001400001
3500K	95	20.0	22.0	124	11.8	142	L130-3595001400001
4000K	95	20.0	22.0	124	11.8	142	L130-4095001400001
5000K	95	20.0	22.0	124	11.8	142	L130-5095001400001
5700K	95	20.0	22.0	124	11.8	142	L130-5795001400001

Notes:

1. Correlated color temperature is not targeted at T=65°C.
2. Lumileds maintains a tolerance of ±2 on CRI and ±6.5% on luminous flux measurements.
3. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
4. For 90CRI products, R9≥50.

Mechanical Dimensions.



Notes:

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

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