



LUXEON 3014

Hot-color targeted industry standard package for uniform light



LUXEON 3014 is an industry standard compatible footprint for ease of installation into existing 3014 sockets and stays consistent with a 3.0mm x 1.4mm x 0.75mm package. LUXEON 3014 is hot-color targeted at operating conditions—65°C. This low power device is an ideal choice when uniformity and reduction in spottiness is necessary for indoor designs.

FEATURES AND BENEFITS

Industry standard footprint and package offering compatibility with existing designs

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

Hot-color targeted at 65°C which leads to better color accuracy

Rectangular package design allows for increased uniformity

Drive at maximum current, 120mA for superior value

PRIMARY APPLICATIONS

Indoor Area Lighting

Lamps

Specialty Lighting

– Monochrome LED

– Channel Lighting

– Signage

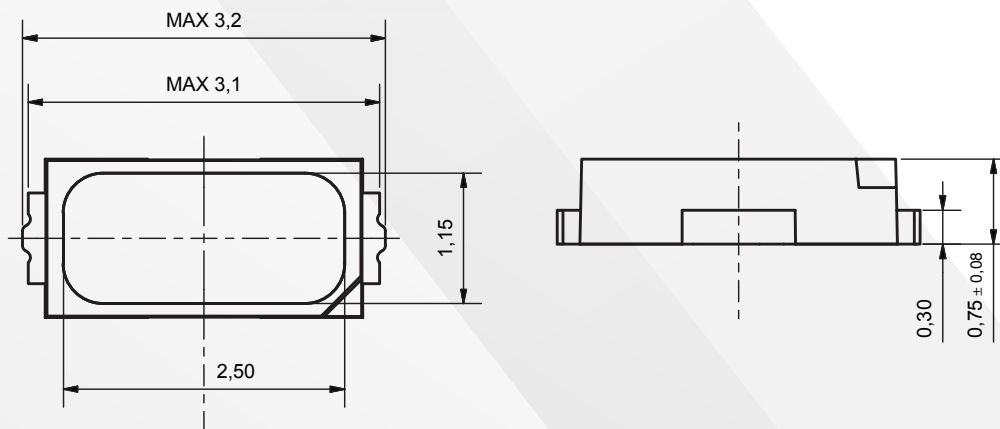
LUXEON 3014 product performance at 60mA and 30mA at test temperature.

NOMINAL CCT [1]	MINIMUM CRI [2, 3, 4]	LUMINOUS FLUX [3] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TYPICAL LUMINOUS FLUX (lm)	TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
		MINIMUM	TYPICAL				
		60mA			30mA		
8000K	70	25	28	150	15	172	L130-8070001400001
10000K	70	23	27	145	14	166	L130-1070001400001
2200K	80	19	22	118	12	135	L130-2280HE1400001
2500K	80	21	24	129	12	148	L130-2580HE1400001
2700K	80	23	26	140	13	161	L130-2780HE1400001
3000K	80	23	26	140	13	161	L130-3080HE1400001
3500K	80	23	26	140	13	161	L130-3580HE1400001
4000K	80	25	28	150	15	172	L130-4080HE1400001
5000K	80	25	28	150	15	172	L130-5080HE1400001
5700K	80	25	28	150	15	172	L130-5780HE1400001
6500K	80	25	27	145	15	166	L130-6580HE1400001
2200K	90	16	18	97	9	99	L130-2290001400001
2700K	90	18	20	102	11	118	L130-2790001400001
3000K	90	19	20	102	11	118	L130-3090001400001
3500K	90	19	22	113	12	129	L130-3590001400001
4000K	90	20	23	113	12	129	L130-4090001400001
5000K	90	20	23	118	13	140	L130-5090001400001
5700K	90	20	23	118	13	140	L130-5790001400001
6500K	90	20	23	113	12	129	L130-6590001400001

Notes:

1. Correlated color temperature is hot targeted at T_a=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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