



# 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

1/9<sup>th</sup> 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

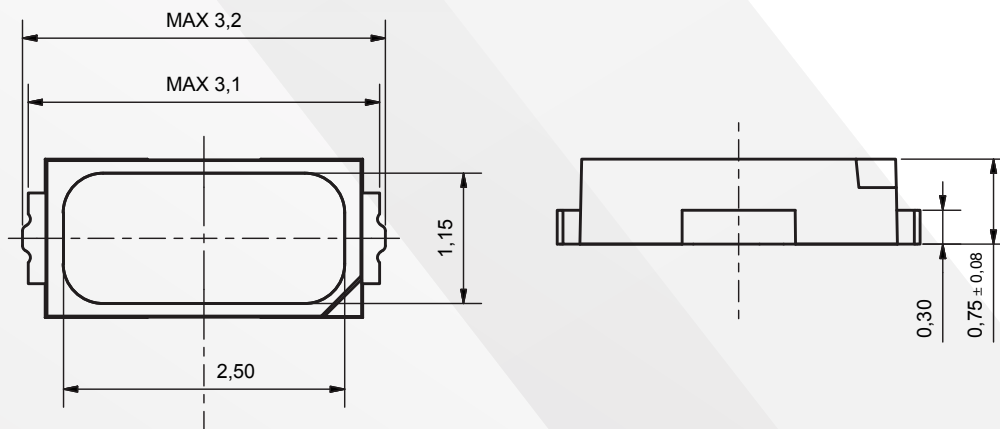
LUXEON 3014 product performance at 60mA and 30mA at test temperature.

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<sub>a</sub>=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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