



LUXEON 3030 HE Plus – Deep Dimming

High efficacy 3V 3030 package tailor-made for excellent dimming application



LUXEON 3030 HE Plus – Deep Dimming is superior high efficacy, mid power package built on the legacy of the LUXEON 3030 product line. It is specially designed for dimming applications which require extremely uniform light output throughout rated and deep dimming operating conditions. This innovative product enables not only top notch lm/W performance and long lifetime, but also pure 3 SDCM color bin and 0.1 V_f width by default for end applications.

FEATURES AND BENEFITS

- Dedicated Deep Dimming bin achieves best-of-class dimming effects
- 3 SDCM color bin by default, eliminate customer concern on color consistency
- 0.1 V_f width by default, free customer from complex driver compatibility design
- Superior high efficacy at rated current enables outstanding lm/W at system level
- Reliable package design from a proven product line affirms long lifetime for end application
- Industry standard package allows drop-in replacement for existing 3030 packages

PRIMARY APPLICATIONS

- Panel Lights
- Linear
- Troffers

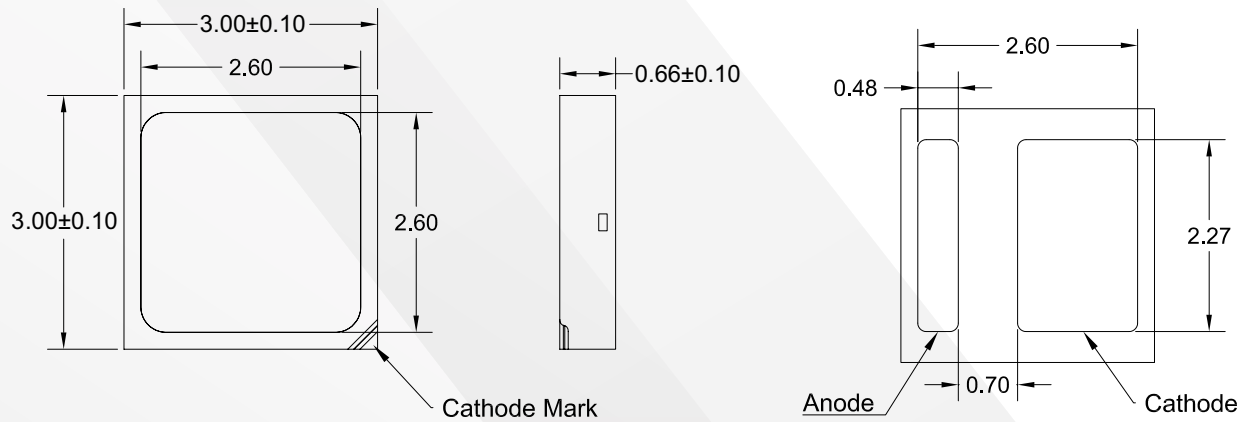
LUXEON 3030 HE Plus – Deep Dimming product performance at 65mA, T_j=25°C.

PRODUCT TYPE	NOMINAL CCT [1]	MINIMUM CRI [1,2]	LUMINOUS FLUX [1,2] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
			MINIMUM	TYPICAL		
			65mA			
LUXEON 3030 HE Plus – Deep Dimming	2700K	80	30.0	33.5	190	L130-2780HA3000DD1
	3000K	80	32.0	35.0	199	L130-3080HA3000DD1
	3500K	80	33.0	36.0	204	L130-3580HA3000DD1
	4000K	80	34.0	37.0	210	L130-4080HA3000DD1
	5000K	80	34.0	37.0	210	L130-5080HA3000DD1
	5700K	80	33.5	36.5	207	L130-5780HA3000DD1
	6500K	80	33.0	36.0	204	L130-6580HA3000DD1
	2700K	90	26.0	28.5	162	L130-2790HA3000DD1
	3000K	90	27.0	29.5	167	L130-3090HA3000DD1
	3500K	90	27.5	30.5	173	L130-3590HA3000DD1
	4000K	90	28.5	31.5	179	L130-4090HA3000DD1
	5000K	90	28.5	31.5	179	L130-5090HA3000DD1
	5700K	90	28.5	31.5	179	L130-5790HA3000DD1
	6500K	90	28.0	31.0	176	L130-6590HA3000DD1

Notes:

- Luminous flux, CCT, and CRI are specified at T_j=25°C. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
- Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on luminous flux measurements.

Mechanical Dimensions.



Notes:

- Drawings are not to scale.
- All dimensions are in millimeters.
- Tolerance: ±0.10mm.