



LUXEON SunPlus 3030

Industry leading efficacy, 3V 3030 package



LUXEON SunPlus 3030 is superior high efficacy, mid power package built on the legacy of the LUXEON 3030 product line. It serves as a go-to solution for horticulture applications that require top notch $\mu\text{mol/J}$ performance and long lifetime. Luxeon SunPlus 3030 adopt quadrant bin structure within 3 SDCM, which enables 2 SDCM by kitting.

FEATURES AND BENEFITS

Superior high efficacy at rated current enables outstanding $\mu\text{mol/J}$ at system level

Reliable package design from a proven product line affirms application long lifetime

Quadrant bin structure within 3 SDCM enables 2 SDCM by kitting

Industry standard package allows drop-in replacement for existing 3030 packages

Robust coating design for enhanced sulfurprotection capability ^[1]

[1] Refer to reliability datasheet for more details.

PRIMARY APPLICATIONS

Horticulture

LUXEON SunPlus 3030 product performance at 65mA, T_j=25°C.

NOMINAL CCT ^[1]	MINIMUM CRI ^[2, 3]	PPF (μmol/s) ^[2, 3, 4] in PAR (400 to 700nm)		PPF/W TYPICAL (μmol/J)	PART NUMBER
		MINIMUM	TYPICAL		
2200K	70	0.422	0.464	2.634	L130-2270HA30000B1
3000K	70	0.443	0.487	2.762	L130-3070HA30000B1
3500K	70	0.455	0.500	2.839	L130-3570HA30000B1
4000K	70	0.458	0.503	2.858	L130-4070HA30000B1
5000K	70	0.466	0.512	2.906	L130-5070HA30000B1
5700K	70	0.466	0.512	2.904	L130-5770HA30000B1
6500K	70	0.468	0.514	2.919	L130-6570HA30000B1
2700K	80	0.438	0.481	2.732	L130-2780HA30000B1
3000K	80	0.448	0.492	2.793	L130-3080HA30000B1
3500K	80	0.45	0.494	2.806	L130-3580HA30000B1
4000K	80	0.459	0.505	2.865	L130-4080HA30000B1
5000K	80	0.46	0.506	2.871	L130-5080HA30000B1
5700K	80	0.453	0.498	2.826	L130-5780HA30000B1
6500K	80	0.463	0.509	2.889	L130-6580HA30000B1
2700K	90	0.42	0.462	2.622	L130-2790HA30000B1
3000K	90	0.426	0.469	2.660	L130-3090HA30000B1
3500K	90	0.429	0.472	2.679	L130-3590HA30000B1
4000K	90	0.437	0.481	2.729	L130-4090HA30000B1
5000K	90	0.435	0.478	2.714	L130-5090HA30000B1
5700K	90	0.441	0.485	2.753	L130-5790HA30000B1
6500K	90	0.446	0.490	2.783	L130-6590HA30000B1
2200K	70	0.422	0.478	2.721	L130-2270HA30000C1
3000K	70	0.443	0.497	2.830	L130-3070HA30000C1
3500K	70	0.455	0.505	2.877	L130-3570HA30000C1
4000K	70	0.458	0.507	2.888	L130-4070HA30000C1
5000K	70	0.466	0.514	2.929	L130-5070HA30000C1
5700K	70	0.466	0.515	2.934	L130-5770HA30000C1
6500K	70	0.468	0.515	2.934	L130-6570HA30000C1
2700K	80	0.438	0.485	2.763	L130-2780HA30000C1
3000K	80	0.448	0.494	2.815	L130-3080HA30000C1
3500K	80	0.45	0.501	2.855	L130-3580HA30000C1
4000K	80	0.459	0.512	2.916	L130-4080HA30000C1
5000K	80	0.46	0.512	2.916	L130-5080HA30000C1
5700K	80	0.453	0.504	2.872	L130-5780HA30000C1
6500K	80	0.463	0.518	2.952	L130-6580HA30000C1
2700K	90	0.42	0.463	2.638	L130-2790HA30000C1
3000K	90	0.426	0.476	2.712	L130-3090HA30000C1
3500K	90	0.429	0.472	2.687	L130-3590HA30000C1
4000K	90	0.437	0.484	2.758	L130-4090HA30000C1
5000K	90	0.435	0.486	2.769	L130-5090HA30000C1
5700K	90	0.441	0.491	2.798	L130-5790HA30000C1
6500K	90	0.446	0.497	2.832	L130-6590HA30000C1

Notes:

1. Correlated color temperature is not targeted at T_j=85°C.
2. Luminous flux 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.
3. Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on PPF.
4. PPF data is calculated from luminous flux measurements.

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