



LUXEON 3030 2D Line

High flux, hot-color targeted 6V package



LUXEON 3030 2D is a high flux, hot-color targeted mid power LED. Hot-color targeting ensures that the LEDs are within color target at application conditions—85°C. Using an industry standard packaging of 3.0mm x 3.0mm and 6V surface-mount emitter solution, LUXEON 3030 2D Line comes in all ANSI CCTs and delivers the efficacy and reliability required for both indoor and outdoor illumination markets.

FEATURES AND BENEFITS

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

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

Superior luminous flux at max current for reduced LED count

Hot-color targeting ensures that color is within ANSI bin at typical application conditions, 85°C

Enables 3-, 4-, 5-step MacAdam ellipse custom binning kits

PRIMARY APPLICATIONS

Troffers

Downlights

High Bay

Low Bay

Floodlights

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LUXEON 3030 2D Line product performance at 120mA and 65mA at specified temperature.

PRODUCT	NOMINAL CCT ^[1]	MINIMUM CRI ^[2, 3]	LUMINOUS FLUX ^[2, 3] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TYPICAL LUMINOUS FLUX (lm)	TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
			MINIMUM	TYPICAL				
			120mA					
LUXEON 3030 2D (Round LES)	3000K	70	98	121	168	69	186	L130-3070003000W21
	3500K	70	100	123	171	70	189	L130-3570003000W21
	4000K	70	101	127	176	72	195	L130-4070003000W21
	5000K	70	101	127	176	72	195	L130-5070003000W21
	5700K	70	101	125	174	71	192	L130-5770003000W21
	6500K	70	101	122	169	70	188	L130-6570003000W21
	2200K	80	80	95	132	54	146	L130-2280003000W21
	2700K	80	80	109	151	62	168	L130-2780003000W21
	3000K	80	85	113	157	64	174	L130-3080003000W21
	3500K	80	85	115	160	66	177	L130-3580003000W21
	4000K	80	90	120	167	68	185	L130-4080003000W21
	5000K	80	90	120	167	68	185	L130-5080003000W21
	5700K	80	90	119	165	68	183	L130-5780003000W21
	6500K	80	90	118	164	67	182	L130-6580003000W21
	2700K	90	72	90	125	51	138	L130-2790003000W21
	3000K	90	75	92	128	52	142	L130-3090003000W21
	3500K	90	75	95	132	54	146	L130-3590003000W21
	4000K	90	75	98	136	56	151	L130-4090003000W21
	5000K	90	75	98	136	56	151	L130-5090003000W21
	LUXEON 3030 2D (Square LES)	3000K	70	110	124	172	71	191
3500K		70	111	126	175	72	194	L130-3570003000X21
4000K		70	117	130	181	74	200	L130-4070003000X21
5000K		70	117	130	181	74	200	L130-5070003000X21
5700K		70	117	128	178	73	197	L130-5770003000X21
6500K		70	111	126	175	72	194	L130-6570003000X21
2200K		80	89	99	138	56	152	L130-2280003000X21
2700K		80	101	112	156	64	172	L130-2780003000X21
3000K		80	102	115	160	66	177	L130-3080003000X21
3500K		80	107	117	163	67	180	L130-3580003000X21
4000K		80	110	123	171	70	189	L130-4080003000X21
5000K		80	110	123	171	70	189	L130-5080003000X21
5700K		80	110	122	169	70	188	L130-5780003000X21
6500K		80	110	121	168	69	186	L130-6580003000X21
2700K		90	86	95	132	54	146	L130-2790003000X21
3000K		90	88	98	136	56	151	L130-3090003000X21
3500K		90	91	101	140	58	155	L130-3590003000X21
4000K		90	94	104	144	59	160	L130-4090003000X21
5000K		90	94	104	144	59	160	L130-5090003000X21
5700K		90	94	104	144	59	160	L130-5790003000X21
6500K	90	94	104	144	59	160	L130-6590003000X21	

Notes:

1. Correlated color temperature is not targeted at T_s=85°C.
2. Luminous flux and CRI are specified at T_s=25°. 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 luminous flux measurements.

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