



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	125	174	71	192	L130-3070003000W21
	3500K	70	100	126.5	176	72	195	L130-3570003000W21
	4000K	70	101	131	182	75	202	L130-4070003000W21
	5000K	70	101	131	182	75	202	L130-5070003000W21
	5700K	70	101	128.5	178	73	198	L130-5770003000W21
	6500K	70	101	127	176	72	195	L130-6570003000W21
	2200K	80	80	95	132	54	146	L130-2280003000W21
	2700K	80	80	110.5	153	63	170	L130-2780003000W21
	3000K	80	85	116	161	66	178	L130-3080003000W21
	3500K	80	85	122	169	70	188	L130-3580003000W21
	4000K	80	90	123	171	70	189	L130-4080003000W21
	5000K	80	90	122	169	70	188	L130-5080003000W21
	5700K	80	90	122	169	70	188	L130-5780003000W21
	6500K	80	90	121	168	69	186	L130-6580003000W21
	2700K	90	72	91	126	52	140	L130-2790003000W21
	3000K	90	75	94	131	54	145	L130-3090003000W21
	3500K	90	75	96	133	55	148	L130-3590003000W21
	4000K	90	75	102	142	58	157	L130-4090003000W21
	5000K	90	75	100	139	57	154	L130-5090003000W21
LUXEON 3030 2D (Square LES)	3000K	70	110	126.5	176	72	195	L130-3070003000X21
	3500K	70	111	131.5	183	75	202	L130-3570003000X21
	4000K	70	117	133.5	185	76	205	L130-4070003000X21
	5000K	70	117	133.5	185	76	205	L130-5070003000X21
	5700K	70	117	132	183	75	203	L130-5770003000X21
	6500K	70	111	129.5	180	74	199	L130-6570003000X21
	2200K	80	89	98	136	56	151	L130-2280003000X21
	2700K	80	101	114	158	65	175	L130-2780003000X21
	3000K	80	102	117.5	163	67	181	L130-3080003000X21
	3500K	80	107	121.5	169	69	187	L130-3580003000X21
	4000K	80	110	125.5	174	72	193	L130-4080003000X21
	5000K	80	110	125	174	71	192	L130-5080003000X21
	5700K	80	110	125	174	71	192	L130-5780003000X21
	6500K	80	110	124.3	173	71	191	L130-6580003000X21
	2700K	90	86	97	135	55	149	L130-2790003000X21
	3000K	90	88	100	139	57	154	L130-3090003000X21
	3500K	90	91	102	142	58	157	L130-3590003000X21
	4000K	90	94	107	149	61	165	L130-4090003000X21
	5000K	90	94	107	149	61	165	L130-5090003000X21
	5700K	90	94	106	147	60	163	L130-5790003000X21
	6500K	90	94	106	147	60	163	L130-6590003000X21

Notes:

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