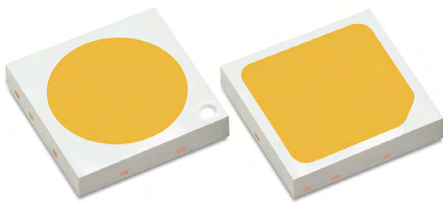


LUXEON 3030 2D Line

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

[More...](#)

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	129.5	180	74	199	L130-3070003000W21
	3500K	70	100	130	181	74	200	L130-3570003000W21
	4000K	70	101	133	185	76	205	L130-4070003000W21
	5000K	70	101	132.5	184	76	204	L130-5070003000W21
	5700K	70	101	131.5	183	75	202	L130-5770003000W21
	6500K	70	101	128	178	73	197	L130-6570003000W21
	2200K	80	80	95	132	54	146	L130-2280003000W21
	2700K	80	80	114	158	65	175	L130-2780003000W21
	3000K	80	85	117	163	67	180	L130-3080003000W21
	3500K	80	85	121	168	69	186	L130-3580003000W21
	4000K	80	90	124	172	71	191	L130-4080003000W21
	5000K	80	90	123	171	70	189	L130-5080003000W21
	5700K	80	90	122.5	170	70	188	L130-5780003000W21
	6500K	80	90	122	169	70	188	L130-6580003000W21
	2700K	90	72	91	126	52	140	L130-2790003000W21
	3000K	90	75	92.5	128	53	142	L130-3090003000W21
	3500K	90	75	96	133	55	148	L130-3590003000W21
	4000K	90	75	100	139	57	154	L130-4090003000W21
	5000K	90	75	100	139	57	154	L130-5090003000W21
	LUXEON 3030 2D (Square LES)	2200K	70	103	112	156	64	172
2700K		70	114	124.5	173	71	192	L130-2770003000X21
3000K		70	110	128.5	178	73	198	L130-3070003000X21
3500K		70	111	131	182	75	202	L130-3570003000X21
4000K		70	117	136	189	78	209	L130-4070003000X21
5000K		70	117	135	188	77	208	L130-5070003000X21
5700K		70	117	133.5	185	76	205	L130-5770003000X21
6500K		70	111	133	185	76	205	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 hot 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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