

MP-1919

XNOVA Cube™ LED



Description

XNOVA Cube™ mid power LED is a unique offering that provides the benefits of a wide emission angle within a compact footprint. The 1.9mm x 1.9mm package emits into a 170+ degree viewing angle, enabling designers with new degrees of freedom to solve many of today's most challenging lighting problems. The very wide viewing angle promotes Energy Star compliance for replacement lamps, and results in increased mixing and uniformity for linear and area lighting. The miniature package size with high lumen density create a "point source" of light that provides flexibility to develop innovative optical solutions. Additionally, the Cube LED advances the hallmark characteristics of the XNOVA mid power family, including high efficacy and color fidelity. XNOVA mid power LEDs – the right choice for color quality, efficacy and reliability.

Features

- Wide viewing angle: 170+ degrees
- Compact: 1.9mm x 1.9mm
- High efficacy: 120 LPW (typical)
- Wide color selection: 2700K-5000K
- 6V input

Applications

- Ideal for directional and diffuse lighting
- Replacement lamps
- Panel lighting
- High/Low Bay
- Down lighting

XNOVA LED Solutions

MP-1919 Mid Power LED

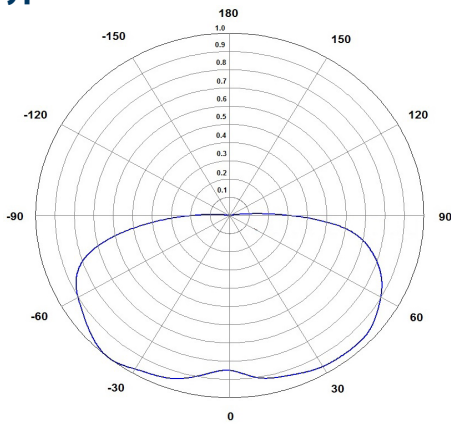


Product Selection Table

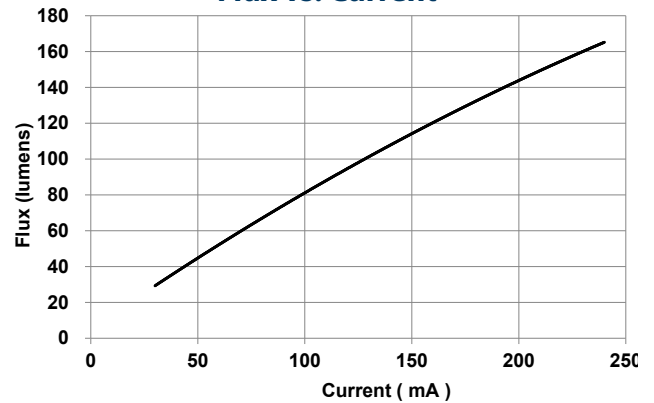
Test condition = 150 mA, 25C

Nominal CCT	Minimum CRI	Ordering Part Number	Minimum Flux (Lumens)	Typical Flux (Lumens)
2700K	80	MP-1919-2100-27-80	100	108
		MP-1919-2101-27-80	107	119
	90	MP-1919-2100-27-90	81	91
		MP-1919-2101-27-90	87	101
3000K	80	MP-1919-2100-30-80	107	114
		MP-1919-2101-30-80	114	125
	90	MP-1919-2100-30-90	87	99
		MP-1919-2101-30-90	94	110
3500K	80	MP-1919-2100-35-80	107	116
		MP-1919-2101-35-80	114	130
	90	MP-1919-2100-35-90	94	101
		MP-1919-2101-35-90	100	115
4000K	80	MP-1919-2100-40-80	114	120
		MP-1919-2101-40-80	122	133
	90	MP-1919-2100-40-90	100	108
		MP-1919-2101-40-90	107	118
5000K	80	MP-1919-2100-50-80	114	120
		MP-1919-2101-50-80	122	133
	90	MP-1919-2100-50-90	100	108
		MP-1919-2101-50-90	107	118

Typical Polar Radiation Pattern



Flux vs. Current*



* Note: Product performance is preliminary and may change at time of production release.

Where to Buy

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