

LED Light Engine Specification

Minar Illumination offers unique high power LED light engine for starry ceiling. This light engine features high power white LED as well as the overheat protection mechanism. For 80W light engine, its LED module applies 7 pieces of Cree XPL chips for superior quality.

Inside the light engine there is a 6-color wheel which offers continuous vivid colors. The color disc could be replaced with a twinkle disc or the colorful twinkle disc at request. Along with the light engine there is an optional 15-key RF remote control for choosing different programs and dimming control .

This type of light engine is the ideal for perimeter lighting using side glow fiber cable and large-scale starry effect at swimming pool floor and ceilings.



Model	LEI-4001DMX	LEI-8001DMX	LEI-15001DMX
Programs	Brightness and colors change, built-in 14 programs		
DMX modes	(1) DMX 512 Signal mode (2) Master and slave mode (DMX socket standard: XLR)		
Remote control	RF, 433MHz / 315MHz		
Working voltage	AC 100-240V		
Power consumption	50W	90W	130W
LED power	30W	55W	100W
Light color mode	White (3000K/4000K/6000K)		
Luminous flux (6000K)	3,500 Lm	6,100 Lm	11,000 Lm
Disc/Wheel	6-color (W/G/C/Y/B/R) / Twinkle / Colorful Twinkle/ NA		
Aperture (Fiber optic port diameter)	3-in-1 (20mm/24mm/28mm) or 30 mm		
Maximum Fiber Tail Capacity	1250pcs of 0.75mm		
Material of housing	Aluminum		
IP rating	IP20		
Net weight	5.8 kg		
Light engine dimensions	292 mm (L) x 274 mm (W) x 135 mm (H)		
Weight with packaging	7 kg		
Package dimensions (excluding fiber optic bundle)	370 mm (L) x 340 mm (W) x 220 mm (H)		
Lifetime	30,000 hours		
Warranty	2 years		

Package Including:

- 1 x 50W/90W/130W fiber optic light engine
- 1 x Remote control (optional)
- 1 x 20/24/28mm 3-in-1 or 30mm fiber connector
- 1 x DMX signal cable, 5m long
- 1 x User manual
- 1 x Fuse

Light engine dimensions:

