

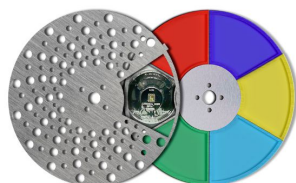
LED Light Engine Specification

Minar Illumination offers unique outdoor high-power LED light engines for starry ceilings. This light engine features a high-power white LED array as well as an overheat protection mechanism. The LED module of LEI-8001 uses 7 pieces of Cree XPL chips for superior quality.

Inside the light engine, there are dual wheels: a 6-color wheel offers continuous vivid colors, and a twinkle wheel offers a starry effect. Both wheels could work together to offer a colorful starry effect, or work alone for a pure color starry effect. Along with the light engine, there is an optional 18-key RF remote control for choosing different programs and dimming control.

The outdoor light engine housing is made of stainless steel SS-304 with an IP rating of IP43. It could be used for swimming pools and walls in an outdoor environment.

This type of light engine is ideal for perimeter lighting using side-glow fiber cable and a starry effect at swimming pool floors and parks.



Model	LEJ-4001DMX/WP	LEJ-8001DMX/WP
Programs	Color and Twinkle Effect Speed and Brightness control, 14 programs	
DMX modes	(1) DMX 512 Signal mode (2) Master and slave mode (DMX socket standard: XLR)	
Remote Control	RF-18 (18-Button, RF)	
Mobile App	Yes	
Control mode	Remote Control / DMX512 / Mobile App / On-board Display / Audio	
Light source type	LED	
Working voltage	AC 100-240V	
Power	50W	80W
Light color mode	White (3000K/4000K/6000K)	
Luminous flux	3,500 Lm	6,100 Lm
Disc/Wheel	6-color (W/G/C/Y/B/R) + Twinkle	
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	Stainless Steel SS-304	
IP rating	IP43	
Net weight	8 kg	
Light engine dimensions	347 mm (L) x 287 mm (W) x 195 mm (H)	
Weight with packaging	9 kg	
Package dimensions (excluding fiber optic bundle)	400 mm (L) x 390 mm (W) x 290 mm (H)	
Lifetime	30,000 hours	
Warranty	2 years	

Package Includes:

- 1 x 50W/80W fiber optic light engine
- 1 x Remote control (optional)
- 1 x 20/24/28mm 3-in-1 or 1 x 30mm fiber connector
- 1 x DMX signal cable, 5m long
- 1 x User manual
- 1 x Fuse
- 2 x Keys of Waterproof Lock

Light engine dimensions:

