

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 is a 6-color wheel that 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 18-key RF remote control for light engine on/off 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.

These lighting engines are ideal for perimeter lighting using side-emitting fiber optic cables, as well as for creating a starry sky effect at the bottom of swimming pools and in parks using end-emitting fiber-optic cables.



Model	LEI-4001DMX/WP	LEI-8001DMX/WP	LEI-15001DMX/WP
Programs	Brightness adjustment, Color changing, and Built-in 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	130W
Light color mode	White (3000K/4000K/6000K)		White (3000K/6000K)
Luminous flux	3,500 Lm	6,100 Lm	11,100 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	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/130W fiber optic light engine
- 1 x Remote control (optional)
- 1 x 20/24/28mm 3-in-1 or 1 x 30mm fiber connect
- 1 x DMX signal cable, 5m long
- 1 x User manual
- 1 x Fuse
- 2 x Keys of Waterproof Lock

Light engine dimensions:

