

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. The 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 4-key RF remote control for light engine on/off 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-4001	LEI-8001	LEI-15001
Programs	With remote controller: brightness adjustment, twinkling wheel on/off With DIP switches: 8 color changing speed settings		
Remote control	Yes, RF		
Light source type	LED CREE		
Working voltage	AC 100 - 240V		
Power	50W		80W
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	Aluminum		
IP rating	IP20		
Net weight	5 kg		
Light engine dimensions	291 mm (L) x 264 mm (W) x 135 mm (H)		
Weight with packaging	6 kg		
Package dimensions (excluding fiber optic bundle)	370 mm (L) x 340 mm (W) x 220 mm (H)		
Lifetime	50,000 hours		
Warranty	2 years		

Package Includes:

- 1 x 40W/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 User manual
- 1 x Fuse

Light engine dimensions:

