

## 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 4-key RF remote control for light engine on/off and dimming control.

The 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 outdoor environment.

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



Model	LEI-4001/WP	LEI-8001/WP	LEI-15001/WP
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		
Working voltage	AC 100 - 240V		
Power	50W	80W	130W
Light color mode	White (3000K/4000K/6000K)		
Luminous flux	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	Stainless Steel SS-304		
IP rating	IP43		
Net weight	7kg		
Light engine dimensions	347 mm (L) x 287 mm (W) x 195 mm (H)		
Weight with packaging	8 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 Including:

- 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:

