



Overview

The LEMAR LIGHTING Model-01 is a high-performance portable LED flood light, engineered to provide exceptional brightness and long-lasting durability for outdoor applications. Delivering up to 20,000 lumens, it offers powerful and consistent illumination with a wide 90° beam angle—ideal for covering expansive areas. Constructed with a robust aluminum frame and finished in a distinctive yellow color, this flood light combines rugged durability with a modern, industrial aesthetic. Its IP65 ensures excellent protection against dust, rain, and harsh environmental conditions, making it perfectly suited for construction sites, workshops, outdoor events, and maintenance work.

Electrical Specifications

Model No.	TG-100W
Power	100W
Frequency	50/60 Hz
Voltage	3.7V
Power Factor (PF)	≥0.9
Battery	3.7V 1500mAh
Charging Time	5-6 hours

Light Specifications

Luminous Flux	20,000lm
Luminous Efficacy (rated)	200lm/W
Correlated Color Temperature (CCT)	6500K
Luminaire Light Beam Spread (Beam Angle)	90°
Color Rendering Index (CRI)	≥80
Working Time	100% power:4 hours 60% power:9 hours 20% power:12 hours

Mechanical Specifications

Housing Color	Yellow
Material	Alu Die-casting
Dimensions (L*W*H)	382*292.3*58.6 mm
Ambient Temperature Range	-20°C ~ 50°C
Ingress Protection Code (IP)	IP65

Performance Warranty

Warranty	2 Years
Lifespan	50,000Hrs

APPLICATIONS

