



The LEDmoon is a premium, off-grid solar high mast lighting system engineered for large-area illumination where reliability, efficiency, and sustainability are essential. Designed for installations up to 20 metres mounting height, the LEDmoon delivers powerful, uniform light distribution ideal for highway interchanges, large parking areas, logistics yards, industrial facilities, ports, and security-sensitive sites.

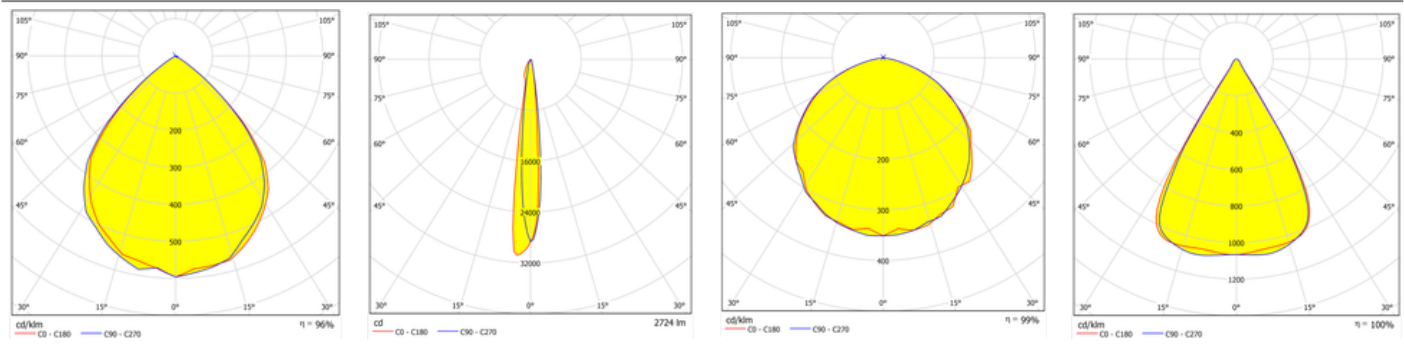


General Data

Housing	LM6 Die cast aluminium (EN 1706 AC-44100)
Diffuser	4mm Tempered Glass (high impact resistant)
Surge protection	10kV/kA 20kV/kA optional
Housing finish	Unpainted raw aluminium (powder coating optional)
Mounting	Stirrup mounted
Mounting height	15 to 20m
Operating Voltage	12V DC
Operating temperature	-10 °C to + 50 °C
Solar Panel	Monocrystalline 130 cell (rated for 20 years)
Battery	LiFePO4 4 - 8 years
Autonomy	2 Days
Colours:	*White / *Silver / Unpainted
CCT:	4000K / *5000K / *5500K
Features	IP66
Applications: Off-grid area / Low cost housing / Mining sector / Security lighting	

* the images shown are for illustration purposes only and may not be an exact representation of the final product.

Polar curves



Technical Data (* up to)

Full product name	Nominal Flux	High output	Efficacy	Weight	Battery Lifetime
LEDmoon Solar High-mast	* 12,210lm	* 20,643lm	* 220lm/w	23kg	100,000 hrs



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Mounting instructions

- Remove existing fitting if present
- Mount the luminaire to the mast
- Tighten the bolts to no more than 13nm
- Test the luminaire to ensure that it is functioning correctly
- Ensure all safety protocols are followed at all times
- **NB - This luminaire must be installed by an accredited and qualified electrician**

Locally manufactured

*All specifications are indicative only and could differ from final product

5 Year warranty (terms and conditions apply)