



GENERAL

Model	STL-1
Lamp	USA Cree Ships LED
Light	1 LED 180Lumen/Watt
Lamp Output	60w (25000 Lumen)
Light Coverage	120m k 120m @ 10 lux
Light Rotation	360°
Light Power	12 Hours Night Operation with Power Management System Based on the Battery Capacity
Light Life Time	More Than 50000 Hours
Lamp Lens	PC Outdoor Optical Lens, Light Transmittance More Than 95%
Light Duration	All night lighting, with remote controller to adjust the brightness and lighting time
Light Cable	Military Built-In Plug
Mast Height	4Meter
Mast Type	Manual type



OPERATIONAL DATA

Wind Resistance	Up to 140Km/h
Working Temperature	0°C- 60°C

BATTERY & UNIT

Battery Technology	3.2V 70Ah LiFePO4 battery, deep cycle, more than 10 years life time
Battery Bank	1792kWh
Solar Panel	120V
Solar Panel Innovation	720Wh
Solar Tilt	26° Ideal Tilt Degree for the UAE Region
Weight	20Kg