ALLIGHT

LIGHTING TOWER SPECIFICATION SHEET

Street Light



TOUGH LIGHT. EASY MOVES.

STREET LIGHT

ECONOMIC LIGHT

50,000 hours of life for every light.

BUILT TOUGH

Built to the highest standards.

SUPER SAFE

Designed with safety at the front of mind.

Construction & Civil | **Mining & Quarries** | **Rental** | **Industrial** | **Agriculture**

STREET LIGHT

Allight's solar-powered Street Light tower with heavy-duty portable base is purpose-built for sites where permanent infrastructure isn't yet in place, or for temporary locations. Each unit delivers 10,000 lumens of highly efficient light, with a large integrated solar panel, advanced microwave sensor technology, and a LiFePO4 battery for maximum safety and performance. The light automatically switches to full brightness when motion is detected, or remains in low-power mode to conserve energy when not in use.

You can count on the Allight Street Light for long-lasting performance. Put your trust in Allight and invest in reliability.

LIGHTS

Type	LED floodlight
Total output (lm)	10,000
Number of lights	1
Lights power (W)	50
Lights efficacy (lm/W)	200
Lifetime (h)	50,000
Light housing material	Aluminium & Stainless Steel
Light housing IP rating	IP66
Working temperature (˚C)	-20 to 60

MAST

Height (m)	5
Telescopic sections	3
Mast extension	Manual winch

SOLAR PANELS

Type	Monocrystaline Panel Grade A
Maximum power (kW)	100
Voltage (V)	18
Lifetime (years)	20

BATTERY

Chemistry	LiFePO4
Capacity (Wh)	460
Capacity (Ah)	36
Voltage (V)	12.8
Minimum charging time	5 hours from 20% SOC
Maximum duration (100% setting)	7.36 hours to 20% SOC
Maximum duration (auto setting)	3 days to 20% SOC
Lifetime (cycles @ 80%)	2000
Certification	UN38.3, MSDS, CE

CONTROLLER AND COMMUNICATION

Solar, battery and light controller	MPPT Smart Controller
Sensor	Motion, light, microwave
Functions	Auto start/stop, timer, energy efficient mode
Remote controller	Yes, included

BASE

Lifting rings	4
Forklift pockets	4
Material of base	Concrete filled steel base
Max wind load to AS1170 (km/h)	100

DIMENSIONS AND WEIGHTS (MAXIMUM)

Transport HxWxL (m)	2.7 x 1 x 1
Dry weight (t)	0.74
Number of units on 20/40ft trailer	10/24

INCLUSIONS

Infrared and wireless remote control	Lockable storage compartment for winchhandle and remote control



Final weight and dimensions will depend on completed specifications and options, subject to manufacturing tolerances. All the information in this document is substantially correct at the time of creation and may be altered at the manufacturer's sole discretion. Any quotes and related material provided supersedes the contents hereof.