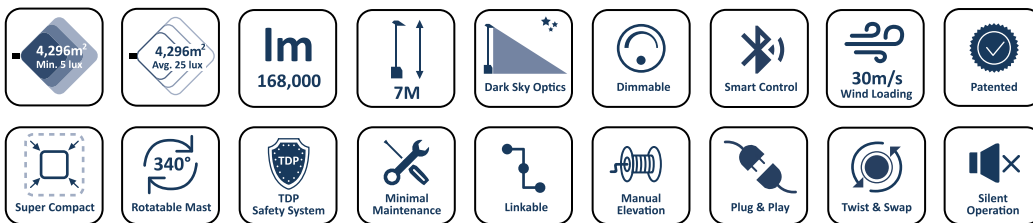


ATLAS

COMPACT . BRIGHTER . SMARTER . SAFER

NEXT GENERATION MOBILE LIGHT TOWER, DESIGNED FOR PROFESSIONALS

Atlas easily replaces diesel driven light towers with much less weight and a fraction of the energy required, delivering low glare, brilliant light coverage in half the size of standard light towers.



FEATURES

LIGHTING PERFORMANCE

4,296m²
Min. 5 lux

4,296m²
Avg. 25 lux

Dark Sky Optics

lm
168,000

OPERATION

Silent Operation

Minimal Maintenance

Plug & Play

Manual Elevation

(OPTIONAL ELECTRIC ELEVATION)

BATTERY MODE

Battery Mode

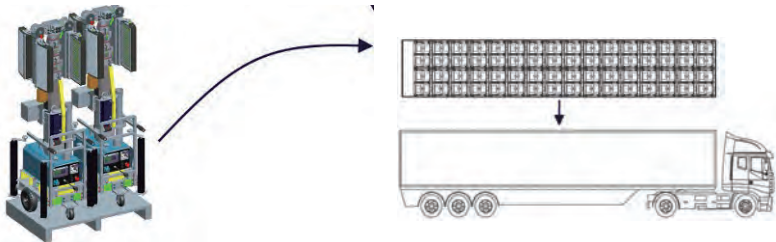
- EMERGENCY USE
- UP TO 4H BATTERY TIME
- 1kWh LiFePo4

TRANSPORT EFFICIENCY

Super Compact

DESIGNED AS THE MOST TRANSPORT EFFICIENT 7-METER LIGHT TOWER AVAILABLE.

Delivering cost savings with each transport to and from site and requiring less storage space when at the depot between rentals.



2 UNITS / EURO PALLET

64 UNITS / TRAILER

Twice the quantity of towers compared to other models in the market!

360°
Rotatable Mast

Linkable

LINK UP TO 2 UNITS FROM A SINGLE POWER SOURCE

Twist & Swap

TWIST & SWAP NEMA SOCKET FOR LIGHT CONTROL SOLUTIONS

Smart Control

CONTROL, DIM & SCHEDULE THE LIGHTS REMOTELY WITH TWIST & SWAP NEMA SOCKET FOR LIGHT CONTROL SOLUTIONS

Dimmable

NIGHT MODE LIGHT REDUCTION MINIMIZES ENERGY CONSUMPTION & DISRUPTION TO TRAFFIC AND RESIDENTIAL AREAS

SAFETY & STABILITY

Patented Triple Drop Prevention System (TDP) makes the mast very safe to use.



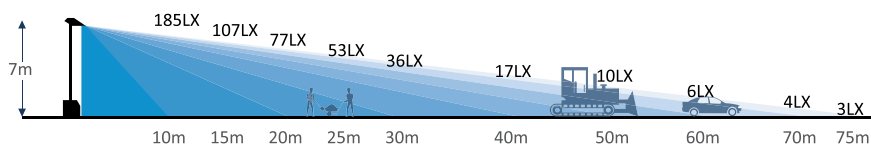
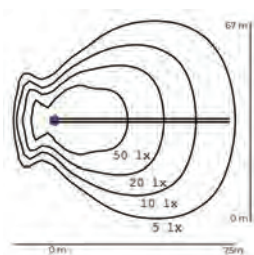
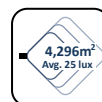
1 FIVE INDIVIDUAL WIRES
WITH WIRE PROTECTION COVERS

2 AUTO-PIN
AUTOMATICALLY INSERTS WHEN MAST IS FULLY RAISED

3 DROP PREVENTION ARRESTOR
DESIGNED TO KEEP OPERATORS SAFE

BRILLIANT LIGHT DISTRIBUTION

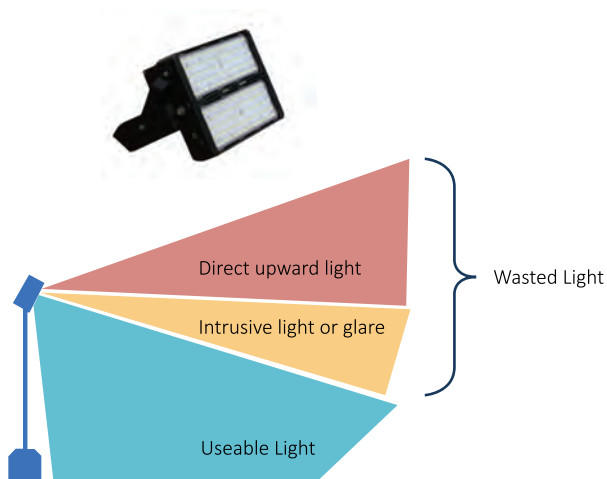
Ultra asymmetric optics direct light only where it is needed, eliminating unnecessary light pollution and wasted power, whilst delivering a longer distance, stronger light throw.



Symbols indicate lux requirements for different construction tasks

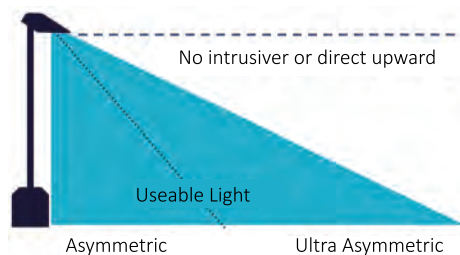
Large illuminated area of **4,296m²** with minimum **5 lux** and an average of **25 lux**

TYPICAL FLOODLIGHTS



- Components of light pollution.
- Provide less light in desired direction.

ATLAS



- Delivers further, stronger light throw with **+59%** extra light on the ground.
- No direct upward light when facing ground.
- Minimize glare and disturbance to the local environment and traffic.

TAKE CONTROL OF YOUR LIGHTING

- Equipped as standard with twist & swap NEMA socket for lighting controls
- Manual ON/OFF & night mode

OPTIONS

- Bluetooth: Wireless, controllable, remote lighting management
- Astro Timer: Manual, scheduled lighting control
- Daylight Sensing: Maximize efficiency in combination with natural daylight
- Motion Sensing: For security and maximizing efficiency
- Lorawan: Remote lighting management & monitoring



DESIGNED AND TESTED IN TOUGH ENVIRONMENTS

From the harsh Scandinavian winters, to the hot, rugged terrain of Australia's mining regions, Atlas is built to thrive, providing extremely energy-efficient light in all climates.

TECH SPEC

Model	
Series	Atlas
Model No.	MLT-1K2-M (Manual Winch) MLT-1K2-E (Electric Winch) MLT-1K2-M-BT (Battery)
Performance	
Illuminated Surface	4296 m ² / 46 242ft ²
System Power	1200 W
Luminous Flux	168,000 lm
Battery Mode	28-56,000 lm
Lumen/W	140
Beam Profile	60
Color Temperature (CCT)	5000K
Battery Type /Capacity/ Run Time	LiFePO ₄ / 1kWh/ 2-4H
Electrical	
Operating Voltage	110V/ 220-240VAC/50Hz
Power Factor	>0.92
Electrical Class	Class I
Protection	Over Voltage / Over Temp. / Short Circuit
Dimmable	Yes
Input Plug	CEE / Schuko/ Nema

Environmental	
Ambient Operating Temp. range	-30°C to +45°C -22°F to 113°F
Storage Temp. Range	-40°C to +80°C -40°F to 176°F
IK class	IK08
IP class	IP65 (lighting) / IP54 (chassi)
Noise Emissions	<5dB(A)
Physical	
Fully extended height	7,1 m / 23,3 ft
Elevation system	Manual (Electric optional)
Mast Rotation	340
Mobility	Forklift pockets, crane hook
Dimensions (min.)	788 x 658 x 2046mm
Dimensions (max.)	1455 x 1752 x 6930mm
Weight	217kg/ 478lb
Wind Resistance	30 m/s / 67.1mph
Housing Finish	UV stabilized powder coating
Approvals	
Certifications	CE/ ETL
Service life L80 B50 (LED)	>100,000 h