

The Atlas Copco logo is positioned in the top right corner of the image. It consists of the brand name "Atlas Copco" in a blue, serif font, centered between two horizontal blue bars. The background of the entire image is a photograph of a tall, silver, telescopic light tower with three large, black, rectangular light fixtures at the top. The tower is mounted on a trailer that also carries three large, black solar panels. The scene is set outdoors in a parking lot, with a chain-link fence and a grassy hill in the background under a clear blue sky with some light clouds. A white octagonal sign is visible on the fence to the right of the trailer. In the bottom left corner, there is a semi-transparent graphic of a blue circuit board or map overlay.

**Your Site.
Your Light.**

The HiLight range of light towers

Illuminate Your Path with Atlas Copco HiLight Towers

Discover our range of HiLight towers, offering a variety of solutions tailored to fit your application needs. Designed for efficiency and safety, our light towers are flexible, compact in size, and built with quality in mind. They are lightweight yet rugged, maintain peak performance for years, maximizing your investment.

Our cutting-edge LED technology sets a new industry standard. Featuring specialized optics for construction sites, outdoor events, mining, and various other industries. This innovative design maximizes light coverage while minimizing “lighting waste”, ensuring optimal performance.

In addition, we have coupled our new light tower technology with the Atlas Copco HardHat® canopy. The HardHat® canopy is exceptionally tough maintaining peak performance for years, yet still lightweight.

Experience the durability, efficiency, and portability of our HiLight towers—a smart choice for quick, safe, and seamless transportation.



KEY BENEFITS



Easy to Move



Versatility



Service Efficiency



Safety



Robustness

EASY TRANSPORTATION

The ultracompact footprint of the V7+ allows you to transport up to 16 units on a 42 ft truck. Its lifting beam with forklift pockets along with a heavy duty lifting eye facilitates easy movement. The spring axle trailer, tow hitch, and lighting conform to DOT requirements.



HIGH LUMINOSITY

The HiLight V7+ comes with 4 LED lamps x 350 W that gives you even more durability and light coverage.

FUEL EFFICIENCY

It offers the best fuel consumption on its segment with 0.2 gal/hr, with a maximum run time of 145 hrs.

SILENT OPERATION

Thanks to its air flow design and the HardHat® canopy, the HiLight V7+ is the most silent light tower in its segment.

USER FRIENDLY & POWER PANEL

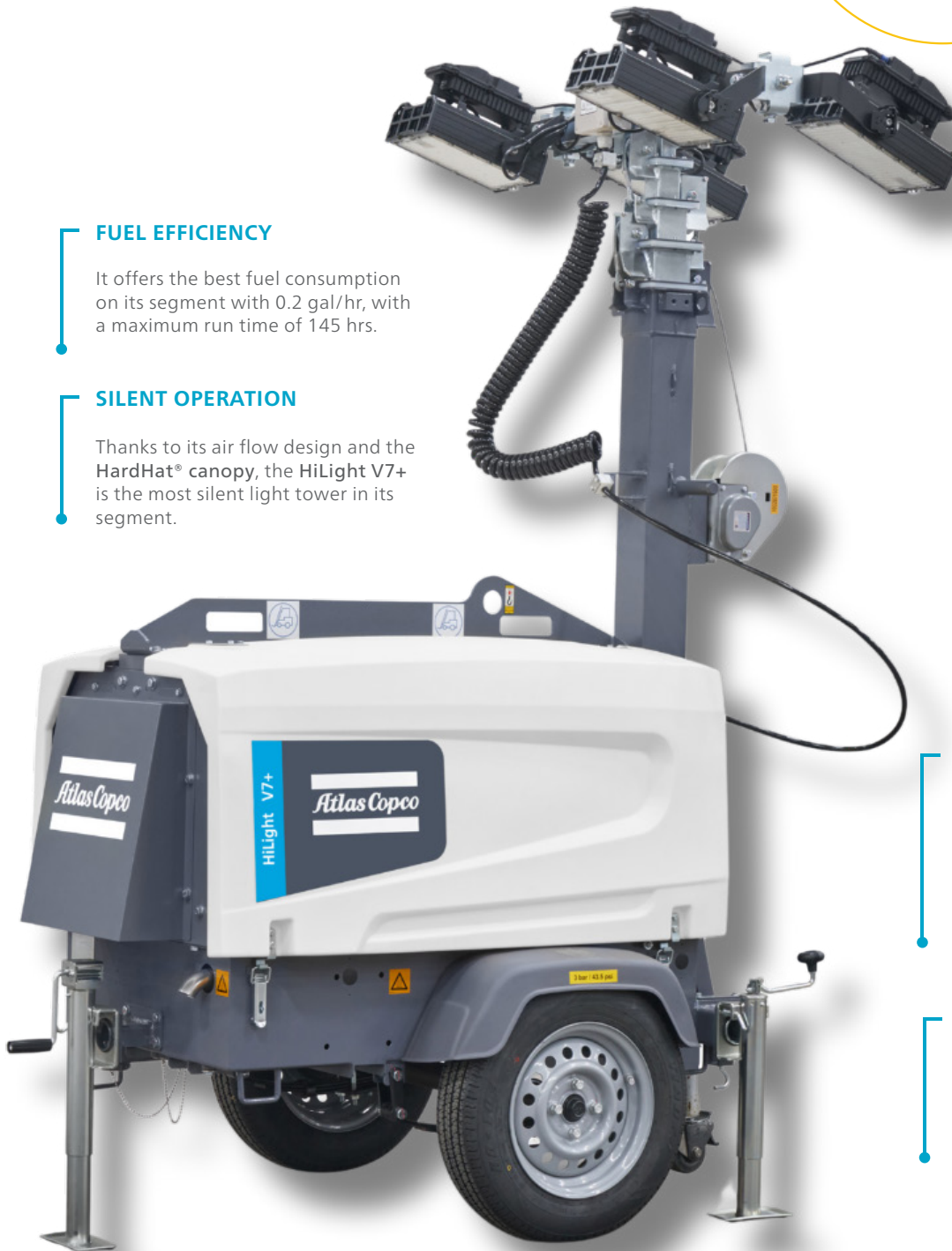
User friendly controls and power panel with independent circuit breakers.

Hour meter and key switch with a 120 VAC auxiliary power output.

ENVIRONMENTALLY SAFE

This model feature a spillage free frame for fluid containment.

It also features easy access oil & coolant drains for serviceability.



Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice.



HiLight E4+

Electric light tower

The HiLight E4+, is a flexible lighting solution that allows users to easily connect to any power source, including auxiliary power, an electrical generator, or directly into the grid. In addition, the E4+ includes a sturdy 23 ft mast with certified wind stability of 80 mph. Thanks to its compact dimensions, up to 32 units can be loaded on a 53 ft truck.

With no mechanical parts to maintain, and no liquids or emissions, the light tower is environmentally friendly and virtually maintenance-free.

LED
4 x 150 W



Exclusive
HardHat[®]
technology

Manual
vertical mast



LIFE SPAN
50,000
Hrs



LIGHT COVERAGE
Average 12 luxes

40,000 ft²



PLUG & LIGHT



EMISSIONS FREE
OPERATIONS



TRANSPORT
EFFICIENCY
32 ut





HiLight V7+


Diesel light tower

The HiLight V7+ include a HardHat® canopy as standard, which ensures maximum protection of internal parts. This range of light towers is suited for multiple drop rental applications and provides users with a robust and easy-to-transport set of lighting options that match any site requirements.

Thanks to its compact dimensions, 16 units can be loaded on a 42 ft truck. The extended safety features also guarantee the protection of bulbs during transportation.


Exclusive
HardHat®
technology 

Manual
vertical mast 

LIGHT COVERAGE
Average 20 luxes
 53,819 ft²

 **0.2 g/h**

**SPILLAGE FREE
FRAME** 

**SERVICE
INTERVAL** 
600 (hrs)





HiLight MS3

Solar light tower

.....

The HiLight MS3 solar light tower delivers efficient, high performance light, giving workers good visibility, while allowing sites to increase their level of operations by complying with the strictest emission and noise regulations.



Manual
vertical mast



SMD
Floodlights



MINIMUM

MAINTENANCE TIME
AND COSTS



EMISSIONS FREE
OPERATIONS



REDUCED
TOTAL COST
OF OWNERSHIP



LIFE SPAN
50,000

Hrs



LIGHT COVERAGE
Average 13 luxes

32,300 ft²





Light Coverage

The HiLight MS 3 delivers 32,300 ft² of light coverage with an average of 13 luxes.

Connectivity

The MS3 solar light tower features an external control panel housed with a dedicated control cubicle that provides easy access to the user-friendly ECO Light controller and ECO mode for enhanced performance and efficiency.

Easy Setup and Transportability

The solar light tower is portable, easy to transport, and features solar panels that are simple to set up. Its compact size is due to the unique solar panel design.

Reliability and Recharging Capacity

As the solar panels are placed in parallel, the light tower takes a lower time to recharge with upto 4h recharging time with full sunshine. Batteries can be recharged with an external power source as an option.

Autonomy Efficiency

The solar light tower provides autonomous operation, with with up to 14 hours of autonomy on a single charge at full brightness, or up to 24 hours of autonomy with 50% dimming. The efficient lithium batteries and solar panels deliver minimum 14h of autonomy while recharging time is shortened.

CO₂ Footprint Reduction

A reliable light source with no fuel consumption or emissions.



SMD Light Technology

The new Surface Mounted Device (SMD) floodlights provide brighter coverage thanks to the unique high lumen LEDs mounted on the new solar light tower. These advanced SMD lights deliver 20,000 lumens for the MS3 model.

Choose the one that best fits your needs

	Segments	Energy Efficiency	Running Hours	Area Coverage	Easy Movement	Lamps Durability	Service Interval	Transport Efficiency
HiLight MS3	Industry, Events, Construction, Rental, Quarry, Mining	●	●	●	●	●	●	●
HiLight E4+	Agriculture, Events, Construction	●	○	○	●	●	●	●
HiLight V7+	Rental, Quarry, Mining	●	●	●	●	●	●	●

● Best Choice ○ Suitable

What's unique about our LED technology?

HEAVY DUTY PROTECTION



Manual vertical mast



INCREDIBLE LIGHT DISTRIBUTION



LIFE SPAN
50,000
Hrs



FUEL EFFICIENCY










- LED HiLight tower lamps have an aluminum casting which provides heavy duty protection, even during transportation.
- The specially designed directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers achieve up to 53,820 ft² of light coverage with an average level of 20 luxes.
- LED lamps have a life expectancy of more than 30,000 hours.
- Our LED technology enables us to set the industry benchmark when it comes to fuel efficiency.

HiLight LED Savings Per Year (per unit, compared to a metal halide light tower)



(*) Savings will vary depending on comparison models.

APPLICATIONS

		ELECTRIC	DIESEL	SOLAR
				
		HiLight E4+	HiLight V7+	HiLight MS3
Light coverage ft ²		40,000 (average 12 luxes)	75,000 (average 20 luxes)	32,300 (average 13 luxes)
Lamps		LED	LED	LED
Mast		Vertical manual	Vertical manual	Vertical manual
Features		HardHat® canopy	HardHat® canopy	-

Performance data				
Rated frequency	Hz	60	60	60
Rated voltage Input/output	V	120	120	120
Operating temperature (min/max)	°F	-4° to 122°	14° to 122°	14° to 122°
Sound power level (LwA)	dB(A)	-	86	-
Sound pressure level (LpA) at 23ft	dB(A)	No noise silent	63	No noise silent

Engine				
Model		-	Kubota Z482	-
Speed	rpm	-	1,800	-
Rated net output (PRP)	kW	-	3	-
Coolant		-	Water	-
Number of cylinders		-	2	-

Alternator				
Model		-	Atlas Copco ACA132B	-
Rated output	kVA	-	5	-
Insulation / Enclosure protection	class/IP	-	23	-

Fuel consumption				
Fuel tank capacity	gallon	-	28	-
Autonomy	h	-	145	14

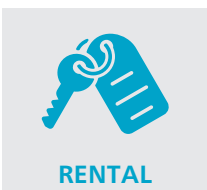
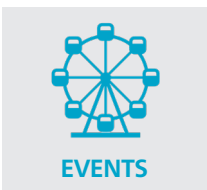
Power output				
Auxiliary Power	kW	-	1	-

Lights				
Floodlights		LED	LED	LED
Wattage	W	4 x 150	4 x 350	3 x 100

Mast				
Type		Manual	Manual	Manual
Mast Rotation	degrees	-	350	350
Maximum height	ft	23	25	23
Maximum speed wind	mph	80	80	60

Enclosure and trailer				
Type		-	Site Trailer with 4 point leveling system	Trailer
Base Frame		Galvanized	Spillage free frame	Steel
Enclosure		HardHat® canopy	Gull-wing HardHat® doors	Galvanized

Dimensions and weight				
Dimensions in transport Fix Towbar (L x W x H)	in	48 X 32 X 84	66 X 43 X 98	148 x 55 x 98
Weight	lbs	608	1,544	1,750



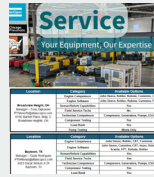
Product Portfolio

ENERGY STORAGE SYSTEMS

EXTRA SMALL
2-10 kVA



SMALL
30-120 kVA



MEDIUM
250-500 kVA



GENERATORS

PORTABLE
2-8 kVA



MOBILE
25-1500 kVA



MOBILE HYBRID
20-1000 kVA



DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
up to 6000 US gpm



SURFACE PUMPS
up to 9510 US gpm



LIGHT TOWERS

ELECTRIC



SOLAR



DIESEL



ONLINE SOLUTIONS

FLEETLINK

An intelligent telematics system that helps optimize fleet usage and reduce maintenance, ultimately saving time and cutting operating costs.



PUMP SIZING CALCULATOR

With a few inputs, this pump sizing calculator will help you to compare dewatering submersible models and find the right one for you.



LIGHT THE POWER: YOUR SIZING TOOL

A useful calculator to help you choose the best solution for your power and light needs.



Atlas Copco Power and Flow
1059 Paragon Way
Rock Hill, SC 29730
www.atlascopco.com