

We have the light tower to suit any needs

The HiLight range of light towers were designed to offer the widest choice when it comes to finding the light tower that is right for your application. We provide multiple range of industries with a flexible and dynamic set of lighting options, while addressing all aspects of efficiency and safety. You can also be assured of the robust build quality and compact size for which Atlas Copco is globally recognized.

We have really put our innovation stamp on LED technology. The lenses in our LED light towers have a very special optic designed specifically for construction and mining applications.

This innovative, fully directional, LED lens design means we maximize the light coverage and reduce "lighting waste". A single HiLight tower can cover an area of up to 5.000 m² with a 20 lux (brightness) average – ensuring a brighter, safer and more productive site.



Atlas Copco



HiLight Z3+

Fully powered by lithium batteries is the perfect choice for outdoor events. Zero emissions and Zero noise light tower!

HILIGHT Z3+



Offering run times of up to 32 hours, an extended lifespan, minimal maintenance and low operational costs, the compact HiLight Z3+ is powered by a lithium-ion battery and provides enhanced illumination for metropolitan construction sites, outdoor events and industrial areas. Zero noise during operation and the absence of engine emissions ensure full environmental compliance in urban locations

The HiLight Z3+ features a high luminosity lamp assembly comprised of 4 x 160 W dimmable LEDs, with a life expectancy of 50,000 hours. Combined with specially designed directional glass optics, the floodlights provide optimal 20 lux light distribution over a 3000 m² illumination area. The LED lighting units are supported by a hydraulically elevated, 5-element vertical mast, certified wind-stable up to 80 km/h, with a maximum operating height of 8 m.



3+ ZERO NOISE EMISSIONS FUEL CONSUMPTION

8 HOURS CHARGING

4 NIGHTS AUTONOMY

TRANSPORT EFFICIENCY

22 ut

13m Truck

LAMP DURABILITY / LIFE EXPECTANCY

LED 50.000 Hrs

LIGHT COVERAGE M² (Average 20 luxes)

3.000

REDUCED MAINTENANCE TIME AND COSTS

DIMMABLE TO EXTENDED AUTONOMY

LED 4X160W



SMART MASI



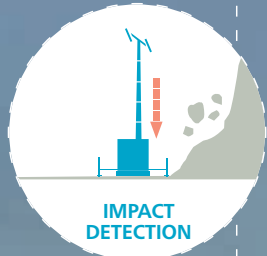
DIMMING



OBSTACLE
DETECTION



STABILITY
ASSISTANCE



IMPACT
DETECTION

HIGHLIGHT B5+

The renewed ultra-quiet LED light tower HiLight B5+ has been designed to be seen and not heard while ensuring maximum safety at the site.

Delivering operating noise levels as low as 55 dBA, the renewed version of the HiLight B5+ light tower is ideally suited to provide illumination at events, temporary public lighting or enhanced visibility at construction sites located near residential areas.

The HiLight B5+ can be equipped with a new innovation called the **SmartMast™(*)**, which automatically lowers itself when safety or stability is compromised. The proprietary vertical mast technology from Atlas Copco features in-built sensors that detect when safety or stability of the light tower is compromised due to critical environmental or sites conditions, and alerts end users to potential obstacles and impacts. It also provides stability assistance when installing a light tower, for instance by flagging up irregular surfaces and floors, to ensure safe siting.



LAMP DURABILITY / LIFE EXPECTANCY

LED 50.000 Hrs

SERVICE INTERVAL

600h

NOISE

55dB(A) at 7m

LIGHT COVERAGE M² (Average 20 luxes)

5.000

TRANSPORT EFFICIENCY

22 ut 13m Truck

EXTRA FEATURE

START PHOTOCELL

EXTRA FEATURE

WEEKLY TIMER

(*) Check availability

HILIGHT H5+

Extremely efficient, the HiLight H5+ demonstrates exceptional fuel consumption as well as offering the best luminosity. With 4 LED floodlights each projecting 350W of light, the HiLight H5+ can illuminate an area of 5.000 m².

Easy to transport, the model's compact size means 10 units can be moved on a standard 13-metre truck.



reddot design award
winner 2017



LED
Light

<p>SERVICE INTERVAL (Hrs)</p> <p>500 </p>	<p>RUNNING (Hrs)</p> <p>220 </p>
<p>FUEL CONSUMPTION</p> <p>0,5 l/h </p>	<p>LIGHT COVERAGE M² (Average 20 luxes)</p> <p>5.000 </p>
<p>LAMP DURABILITY / LIFE EXPECTANCY</p> <p>LED 50.000 Hrs </p>	

(*) Available in 50Hz. Trailer complies with EU regulations.

The Atlas Copco logo, featuring the brand name in a blue, italicized serif font, centered between two horizontal blue bars.A technical drawing of a light fixture, showing various dimensions and components. The drawing is overlaid on a white, triangular graphic element that also contains the main text.

LED there be light

The HiLight V4 and V5+ models feature the legendary HardHat® canopy and provide efficiency and great value to our users and rental partners

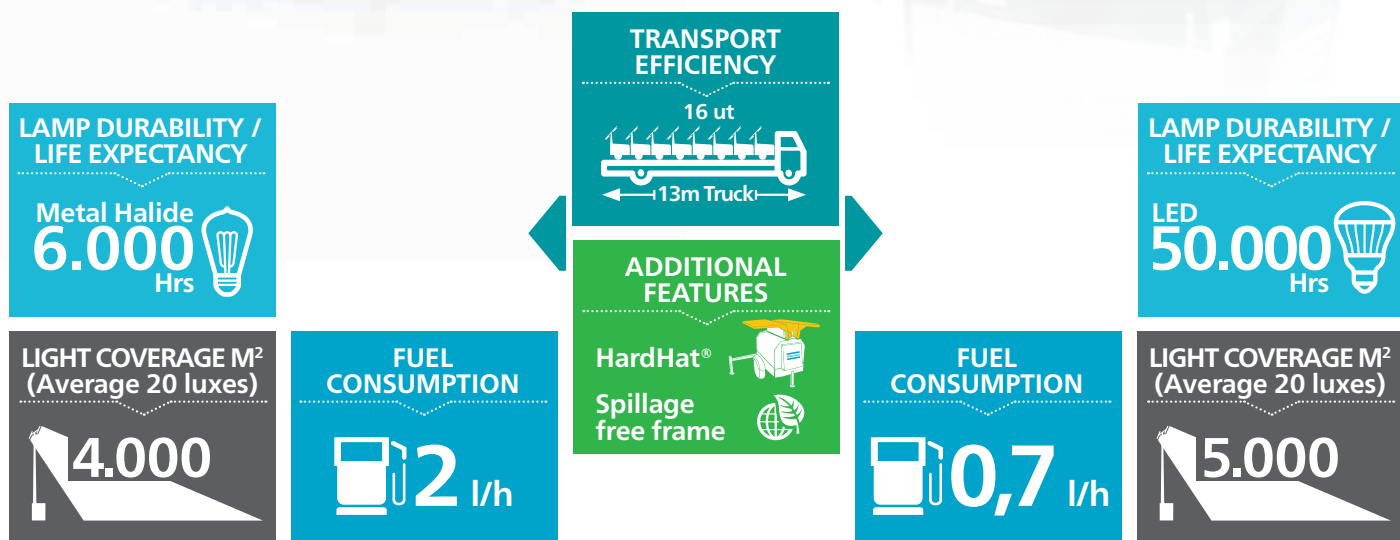
HILIGHT V4

HILIGHT V5+

The HiLight V4 and V5+ include a HardHat® canopy as standard, which ensures maximum protection of internal parts. This range of light towers is perfect for multiple drop rental applications and providing users a robust and easy-to-transport set of lighting options that match any site requirements. The extended safety features also guarantee the protection of bulbs during transportation.



LED Light



(*) Available in 50 and 60Hz Tier4 final. Trailer comply with DOT US regulations. For EU Trailer please contact Atlas Copco representative.

The Atlas Copco logo is positioned in the top right corner of the page. It consists of the brand name "Atlas Copco" in a blue, serif font, centered between two horizontal blue bars.A white, semi-transparent technical drawing overlay is located in the bottom left corner. It features a circular diagram with various lines and dimensions, resembling a mechanical or electrical schematic. The text "Tough environment?" is overlaid on this drawing.

Tough environment?

It might be tough but it should never be dark! The HiLight V4W was made to perform at high altitudes and in extreme conditions

HILIGHT V4W

The HiLight V4W offers the best performance at high altitudes and in the most extreme environments - thanks to its 8kW engine.

In addition, the larger fuel tank and low fuel consumption allow longer run times between refueling. The HardHat® canopy ensures maximum protection of internal parts.



RUNTIME

90 HOURS

OPERATION

IN EXTREME ENVIRONMENTS

LIGHT COVERAGE M² (Average 20 luxes)

4.000

LAMP DURABILITY / LIFE EXPECTANCY

Metal Halide 6.000 Hrs

FUEL CONSUMPTION

1,7 l/h

EXTENDED TANK

ADDITIONAL FEATURES

HardHat®

Spillage free frame

HILIGHT V2+

HILIGHT V3+

These electric plug & light solutions provide flexible lighting options for a wide range of applications. The HiLight V2+ and V3+ come with a robust steel frame with PE bumpers.

These bumpers are designed to the same standards as the HardHat® Canopy.

E-LED

E-LED

PLUG & LIGHT

COMPACT FOOTPRINT

EASY TO TRANSPORT

LAMP DURABILITY / LIFE EXPECTANCY

LED 50.000 Hrs

LIGHT COVERAGE M² (Average 10 luxes)

2.000 V2+

3.000 V3+

(*) CE models, please consult

No access to the grid?

Suggested power sources; iP and P generators

	P2000 i 1,6 kW	P3500 i 3 kW	P3000 2,3 kW	P6500 5 kW	P8000 6 kW
Variable speed smart control					
Automatic Voltage Regulation (AVR)					
HiLight P2+	5	9	7	15	18
HiLight V2+	1	1	1	1	1
HiLight V3+	1	1	1	1	1
HiLight E3+	2	4	3	7	9

- Perfect fit
- Good choice

HILIGHT E3+

Easy to plug into any power source including auxiliary power, electrical generator or directly into the grid.



LAMP DURABILITY / LIFE EXPECTANCY

LED
50.000
Hrs

EXTRA SAFETY FEATURES

Manual vertical mast

TRANSPORT EFFICIENCY

32 ut
13m Truck

LIGHT COVERAGE M² (Average 10 luxes)

3.000

PLUG & LIGHT

ENVIRONMENTALLY FRIENDLY

No liquids and no emissions

LIGHT COVERAGE M² (Average 10 luxes)

2.000

CERTIFIED WIND STABILITY

50 ^{km/h}

NO AIR PRESSURE NEEDED

ANTIBURNT FLOODLIGHT

(*) Available in 50Hz.

(*) CE models, please consult

HILIGHT P2+

Supplied with a special lighting optic, covered by an integrated polyethylene housing, you can be assured of no burn out and a longer lifetime. In addition, great performance comes from the unique floodlight that spreads light 360 degrees, giving users a larger illuminated area compared to traditional balloon style towers.



CERTIFIED WIND STABILITY

50 ^{km/h}

NO AIR PRESSURE NEEDED

ANTIBURNT FLOODLIGHT

Choose the one that best fits your needs

	Segments	Energy Efficiency	Running hours	Area coverage	Easy movement	Extra safety features	Lamps durability	Service interval	Transport efficiency
HiLight H5+	CONSTRUCTION	●	●	●	●	●	●	●	○
HiLight B5+	ROAD WORKS EVENTS	●	●	●	○	●	●	●	○
HiLight V5+	CONSTRUCTION QUARRY	●	○	●	●	○	●	●	○
HiLight V4	CONSTRUCTION QUARRY	○	○	●	●	○	○	●	○
HiLight V4W	CONSTRUCTION QUARRY	●	●	●	●	○	○	●	○
HiLight H4	CONSTRUCTION QUARRY	○	○	○	●	●	○	○	○
HiLight E3+	EVENTS ROAD WORKS	●	○	○	●	○	●	●	●
HiLight P2+	EVENTS	●	○	○	●	○	●	●	●
HiLight V2+ / V3+	CONSTRUCTION ROAD WORKS	●	○	○	●	○	●	●	●
HiLight Z3+	EVENTS CONSTRUCTION	●	●	●	●	●	●	●	●

● Best choice ○ Suitable

What's unique about our LED technology?

LED HILIGHT TOWERS FUEL EFFICIENCY

TECHNOLOGY HELPS US SET THE INDUSTRY BENCHMARK

LED LAMPS LIFE EXPECTANCY

MORE THAN 50.000 Hrs

LED HILIGHT TOWERS LIGHT COVERAGE M²

UP TO 5.000 SQM

AVERAGE 20 LUXES

HIGH CRI (COLOR RENDERING INDEX)

SCORE > 85 OUT OF 100

CLOSE TO NATURAL LIGHT

SPECIALLY DESIGNED DIRECTIONAL OPTICS

INCREDIBLE LIGHT DISTRIBUTION

NO LIGHT IS WASTED

LED LAMPS ALUMINUM CASTING

PROVIDES HEAVY DUTY PROTECTION

EVEN DURING TRANSPORTATION

- LED HiLight tower lamps have an aluminum casting which provides heavy duty protection, even during transportation.
- The LED lamps have a high CRI (Color Rendering Index) score (> 85 out of 100).
- The specially designed directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers achieve up to 5.000 square-metres of light coverage with an average level of 20 luxes.
- LED lamps have a life expectancy of more than 50.000 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)

1.500 Liters

-60%

4.800 Kilos

-60%

23 Trees

-60%

3 Bulbs

-100%

(*) Savings will vary depending on comparison models.

		BATTERY	DIESEL								ELECTRIC							
		HiLight Z3+	HiLight B5+	HiLight H5+	HiLight V5+	HiLight V5+ K	HiLight V4	HiLight V4 K	HiLight V4W	HiLight V4W K	HiLight E3+	HiLight P2+	HiLight V2+	HiLight V3+				
Light coverage m² (average 20 luxes)		3000 (average 10 luxes)	5000 (average 20 luxes)	5000 (average 20 luxes)	5000 (average 20 luxes)	5000 (average 20 luxes)	4000 (average 20 luxes)	4000 (average 20 luxes)	4000 (average 20 luxes)	4000 (average 20 luxes)	3000 (average 10 luxes)	2000 (average 10 luxes)	2000 (average 10 luxes)	2500 (average 10 luxes)				
Lamps		LED	LED	LED	LED	LED	Metal halide	Metal halide	Metal halide	Metal halide	LED	LED	LED	LED				
Mast		Hydraulic	Vertical hydraulic	Vertical hydraulic	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual				
Extra features		Hydraulic Noise and CO2 free	Compact box	Galvanized canopy	HardHat® canopy	HardHat® canopy	HardHat® canopy	HardHat® canopy	HardHat® canopy	HardHat® canopy	Electric	Electric	Electric	Electric				
Performance data																		
Rated frequency	Hz	-	50 60	50	50 60	50 60	50 60	50 60	50 60	50 60	50 60	50	50	50	50			
Rated voltage	VAC	-	230 120	230	230 120	230 120	230 120	230 120	230 120	230 120	230 120	230	230	230	230			
Rated power (PRP)	kW	-	2,5 2,8	2,7	2,5 2,8	2,8 3,6	5,5 6,5	4,8 6	6 8	5,8 8	-	-	-	-	-			
Operating temperature (min/max)	°C	-20/50	-20 / 40	-20 / 40	-25 / 50	-25 / >50	-25 / 49	-25 / >50	-25 / 50	-25 / >50	-	-	-	-	-			
Sound power level (LwA)	dB(A)	-	82	90	86	86	92 94	98 102	87 89	91 93	-	-	-	-	-			
Sound pressure level (LpA) at 7m	dB(A)	-	55	65	63	63	71 73	71 73	63 64	66 71	-	-	-	-	-			
Engine																		
Model		-	Kubota Z482	Hatz 1 B 50	Kubota Z482	Kohler KDW702	Kubota Z482	Kohler KDW702	Kubota D1105	Kohler KDW1003	-	-	-	-	-			
Speed	rpm	-	1500 1800	1500	1500 1800	1500 1800	3000 3600	3000 3600	1500 1800	1500 1800	-	-	-	-	-			
Rated net output (PRP)	kW	-	2,7 3	3,5	2,7 3	5,5 6	6,9 8,1	11 11,5	8 9,5	8 9,5	-	-	-	-	-			
Coolant		-	Water	Air	Water	Water	Water	Water	Water	Water	-	-	-	-	-			
Number of cylinders		-	2	1	2	2	2	2	3	3	-	-	-	-	-			
Alternator																		
Model		-	Meccalte LT3/75	Linz E1C135 A/4	Meccalte LT3/75	Meccalte LT3/75	Sincro EK 2 MCT	Sincro EK 2 MCT	DP06/ AG164	DP06/ AG164	-	-	-	-	-			
Rated output	kVA	-	3,5 4,5	5,5	3,5 4,5	3,5 4,5	6 7,5	6 7,5	6 8	6 8	-	-	-	-	-			
Insulation / Enclosure protection	class/IP	-	H / 21	H / 21	H / 21	H / 21	H / 23	H / 23	H / 23	H / 23	-	-	-	-	-			
Energy Consumption																		
Fuel tank capacity	l	-	125	120	110	110	110	110	160	160	-	-	-	-	-			
Autonomy	h	18-32 at 100% load	185	185	150	135 120	57 50	50 45	90	95	-	-	-	-	-			
Power output																		
Auxiliary power	kW	-	1,2	1,2	1	1	1,4 2	1,4 2	2	2	-	-	-	-	-			
Lights																		
Floodlights		LED	LED	LED	LED	LED	Metal halide	Metal halide	Metal halide	Metal halide	LED	LED	LED	LED	LED			
Wattage	W	4 x 160	4 x 350	4 x 350	4 x 350	4 x 350	4 x 1000	4 x 1000	4 x 1000	4 x 1000	4 x 160	320	320	320	4 x 120			
Mast																		
Type		Hydraulic	Hydraulic	Hydraulic	Manual vertical, 5 section	Manual vertical, 5 section	Manual vertical, 5 section	Manual vertical, 5 section	Manual vertical, 5 section	Manual vertical, 5 section	Manual	Manual	Manual	Manual	Manual			
Rotation	degrees	340	340	340	360	360	360	360	360	360	0	0	0	0	0			
Maximum height	m	8	8	8	7,5	7,5	7,5	7,5	7,5	7,5	7	3,5	5,5	5,5	5,5			
Maximum speed wind	km/h	80	80	80	80	80	80	80	80	80	80	50	80	80	80			
Enclosure and trailer																		
Type		-	-	EU Road homologated fix or adjustable towbar, or site trailer	DOT US Compliant Unibody trailer with 4 point leveling system. For EU homologated check availability						-	-	Heavy Duty Trailer with bumpers in PE	Heavy Duty Trailer with bumpers in PE	-	-		
Base frame		Spillage free frame																
Enclosure		Galvanized steel canopy and powder coating paint	Galvanized steel canopy and powder coating paint			Gull-wing HardHat® doors									-	-	-	-
Dimensions and weight																		
Dimensions in transport Fix Towbar(L x W x H)	m	1,16 x 1,16 x 2,5	1,16 x 1,16 x 2,5	2,3 x 1,28 x 2,485	1,67 x 1,10 x 2,50		1,67 x 1,10 x 2,50		1,8 x 1,35 x 2,97		1,2 x 0,8 x 2,14	0,5 x 0,5 x 2,2	1,1 x 0,85 x 2	1,1 x 0,85 x 2	-			
Weight	kg	980	980	1050	702		694		826		250	45	110	110	-			

(*) CE models, please consult

Product portfolio

GENERATORS

PORTABLE
1,6–12 kVA



MOBILE
9–1250* kVA



INDUSTRIAL
10–2250* kVA



CONTAINERS
800–1450 kVA




*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
250–16.200 l/min



SURFACE PUMPS
833–23.300 l/min



SMALL PORTABLE
210–2500 l/min



Diesel and electric options available

LIGHT TOWERS

DIESEL LED AND MH



BATTERY LED



ELECTRIC LED




AIR COMPRESSORS AND HANDHELD TOOLS

AIR COMPRESSORS
1–116 m³/min
7–345 bar



HANDHELD TOOLS
Pneumatic
Hydraulic
Petrol engine driven




ONLINE SOLUTIONS

SHOP ONLINE PARTS ONLINE
Find and order the spare parts for power equipment. We handle your orders 24 hours a day.



POWER CONNECT
Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine.



FLEETLINK
Intelligent telematics system that helps optimize fleet usage, reduce maintenance costs, ultimately saving time and cost.




atlascopco.com

