



Atlas Copco

Your site. Your light

The HiLight range of light towers

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.

On top of that, at Atlas Copco we have a strong commitment with the innovation and the environment, and therefore we have developed new technologies that provide bright and efficient light with zero emissions, zero fuel consumption and even zero noise. Just take a look



Zero noise and emissions in your night events

HiLight Z3+ comes fully powered by lithium batteries what make it the perfect choice for events and metropolitan constructions.



HiLight Z3+

The battery light tower

New

LED Light

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 Hrs CHARGING
4 NIGHTS AUTONOMY

TRANSPORT EFFICIENCY
22 ut 
13m Truck

LIFE SPAN
50.000 Hrs 

LIGHT COVERAGE
3.000 m²
AVG. 20 LUXES

MINIMUM MAINTENANCE TIME AND COSTS 

8m  80 km/h WIND STABILITY 

DIMMABLE LED 4X160W 

UP TO
15%
BRIGHTER





HiLight E3+

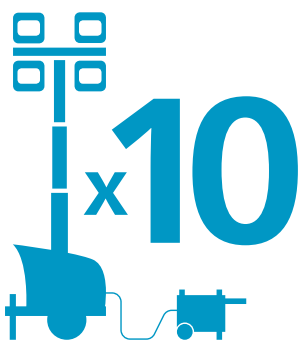
Electric light tower with HardHat®



E=LED

The renew HiLight E3+, will operate reliably throughout the most demanding conditions found at construction sites, outdoor events and temporary public lighting installations. Its internal electronics, control panel and connectors are protected from the elements by the company's innovative HardHat® canopy, while the complete assembly, which includes a heavy-duty 7 metre mast, has a certified wind stability of 100 km/h. **Easy to plug into any power source including auxiliary power, electrical generator or directly into the grid.**

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



Exclusive **HardHat®** technology

TRANSPORT EFFICIENCY
32 ut 13m Truck

7m **100 km/h** WIND STABILITY

LIFE SPAN
50.000 Hrs

LIGHT COVERAGE
3.000 m² AVG. 10 LUXES

PLUG & LIGHT

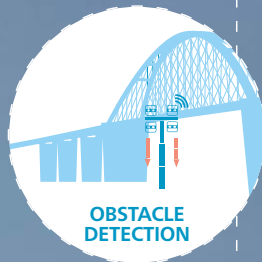
ZERO **FUEL AND CO₂ EMISSIONS**



SMART MASI



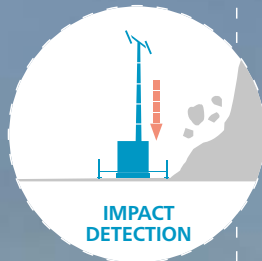
DIMMING



OBSTACLE
DETECTION



STABILITY
ASSISTANCE



IMPACT
DETECTION

HiLight B5+

The smart light tower

New


The renew 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.



SMART MAST


LIFE SPAN 
50.000 Hrs

LIGHT COVERAGE
5.000 m²
AVG. 20 LUXES

SERVICE INTERVAL (HRS)
600 

TRANSPORT EFFICIENCY
22 ut 
13m Truck

55 db(A) at 7m 

START PHOTOCELL 

WEEKLY TIMER 

(*) Check availability



Darkness should not stop you!

Our HiLight range is not just for the construction site. Utilize the power of a full day with our flexible lighting solutions.

HiLight H5+

The light on the move

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



SERVICE
INTERVAL (HRS)
500

220 Hrs
RUNNING

0,5 l/h

LIGHT
COVERAGE
5.000 m²
AVG. 20 LUXES

LIFE SPAN
50.000 Hrs
LED

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



HiLight V4 and V4W

The HiLight V4 offers increased serviceability with wide wing doors and all components easily accessible. Environmental considerations have also been taken into account, with a frame design that prevents oil, fluids and fuel from leaking out and contaminating the ground.


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.



TRANSPORT EFFICIENCY
16 ut 
13m Truck

 **2 l/h**

LIGHT COVERAGE
4.000 m²
AVG. 20 LUXES

LIFE SPAN METAL HALIDE
6.000 Hrs 

HardHat® technology 
Spillage free frame 

 **90 HOURS RUNTIME**

 **OPERATION IN EXTREME ENVIRONMENTS**

 **1,7 l/h**



HiLight V4+ and HiLight V5+

The new HiLight V4+ and the HiLight 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**. Thanks to its compact dimensions, 16 units can be loaded on a 13-metre truck. The extended safety features also guarantee the protection of bulbs during transportation.



LIGHT COVERAGE
4.000 m²
AVG. 20 LUXES

245 HOURS RUNTIME
(110 L FUEL TANK)

0,45 l/h

SERVICE INTERVAL (HRS)
600

63 db(A) at 7m

LIGHT COVERAGE
5.000 m²
AVG. 20 LUXES

Spillage free frame

0,7 l/h

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



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

EASY TO TRANSPORT

LIGHT COVERAGE

2.000 m² v2+
3.000 m² v3+
AVG. 10 LUXES

LIFE SPAN

50.000 Hrs

(*) 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.**



PLUG & LIGHT 	50 km/h WIND STABILITY
LIGHT COVERAGE 2.000 m² AVG. 10 LUXES	ZERO FUEL AND CO ₂ EMISSIONS
NO AIR PRESSURE NEEDED	ANTIBURNT FLOODLIGHT

No access to the grid?

Suggested power sources; iP and P generators

	P2000 i	P3500 i	P3000	P6500	P8000
	1,6 kW	3 kW	2,3 kW	5 kW	6 kW
	Variable speed smart control				
	Automatic Voltage Regulation (AVR)				
	4	9	7	15	18
HiLight P2+	LED 320W				
HiLight V2+	LED 320W				
HiLight V3+	LED 4x120W				
HiLight E3+	LED 4x160W				

- Perfect fit
- Good choice



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 Z3+	EVENTS CONSTRUCTION	●	●	○	○	●	●	●	●
HiLight E3+	EVENTS ROAD WORKS	●	●	○	●	●	●	●	●
HiLight P2+	EVENTS	●	●	○	●	○	●	●	●
HiLight V2+/V3+	CONSTRUCTION ROAD WORKS	●	●	○	●	○	●	●	●
HiLight H5+	CONSTRUCTION	●	●	●	●	●	●	●	○
HiLight B5+	ROAD WORKS EVENTS	●	●	●	○	●	●	●	○
HiLight V5+	CONSTRUCTION QUARRY	●	○	●	●	○	●	●	○
HiLight V4	CONSTRUCTION QUARRY	○	○	●	●	○	○	●	○
HiLight V4W	CONSTRUCTION QUARRY	●	●	●	●	○	○	●	○
HiLight H4	CONSTRUCTION QUARRY	○	○	○	●	●	○	○	○

● Best choice ○ Suitable

What's unique about our LED technology?

FUEL EFFICIENCY

LIFE SPAN

50.000 Hrs

LIGHT COVERAGE

UP TO 5.000 m²

(AVERAGE 20 LUXES)

COLOR RENDERING INDEX

> 85 OUT OF 100

INCREDIBLE LIGHT DISTRIBUTION

HEAVY DUTY PROTECTION

- 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%**

CD₂ 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 V4+	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)	4000 (average 20 luxes)	5000 (average 20 luxes)		4000 (average 20 luxes)		4000 (average 20 luxes)		3000 (average 12 luxes)	2000 (average 10 luxes)	2000 (average 10 luxes)	2500 (average 10 luxes)	
Lamps		LED	LED	LED	LED	LED		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	
Extra features		Hydraulic Noise and CO2 free	Compact box	Galvanized 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	50	50	
Rated voltage	VAC	-	230 120	230	230 120	230 120		230 120		230 120		230 120	230	230	230	
Rated power (PRP)	kW	-	2,5 2,8	2,7	2,5 2,8	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 / >50	-25 / 49	-25 / >50	-25 / 50	-25 / >50	-	-	-	-	
Sound power level (LWA)	dB(A)	-	82	90	88	86		92 94	98 102	87 89	91 93	-	-	-	-	
Sound pressure level (LpA) at 7m	dB(A)	-	55	65	65	63		71 73		63 64	66 71	-	-	-	-	
Engine																
Model		-	Kubota Z482	Hatz 1 B 50	Kubota Z482	Kubota Z482	Kohler KDW702	Kubota Z482	Kohler KDW702	Kubota D1105	Kohler KDW1003	-	-	-	-	
Speed	rpm	-	1500 1800	1500	1500 1800	1500 1800		3000 3600		1500 1800		-	-	-	-	
Rated net output (PRP)	kW	-	2,7 3	3,5	2,7 3	2,7 3	5,5 6	6,9 8,1	11 11,5	8 9,5		-	-	-	-	
Coolant		-	Water	Air	Water	Water		Water		Water		-	-	-	-	
Number of cylinders		-	2	1	2	2		2		3		-	-	-	-	
Alternator																
Model		-	Meccalte LT3/75	Linz E1C135 A/4	Atlas Copco ACA132B*	Meccalte LT3/75		Sincro EK 2 MCT		Atlas Copco DP06/AG164	Atlas Copco DP06/AG164	-	-	-	-	
Rated output	kVA	-	3,5 4,5	5,5	3 4	3,5 4,5		6 7,5		6 8		-	-	-	-	
Insulation / Enclosure protection	class/IP	-	H / 21	H / 21	H / 23	H / 21		H / 23		H / 23		-	-	-	-	
Energy Consumption																
Fuel tank capacity	l	-	125	120	110	110		110		160		-	-	-	-	
Autonomy	h	18-32 at 100% load	185	185	300	150	135 120	57 50	50 45	90	95	-	-	-	-	
Power output																
Auxiliary power	kW	-	1,2	1,2	1	1		1,4 2		2		-	-	-	-	
Lights																
Floodlights		LED	LED	LED	LED	LED		Metal halide		Metal halide		LED	LED	LED	LED	
Wattage	W	4 x 160	4 x 350	4 x 350	4 x 250	4 x 350		4 x 1000		4 x 1000		4 x 160 1x500	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	Manual	Manual	Manual	
Rotation	degrees	340	340	340	360	360		360		360		0	0	0	0	
Maximum height	m	8	8	8	7,5	7,5		7,5		7,5		7	3,5	5,5	5,5	
Maximum speed wind	km/h	80	80	80	80	80		80		80		80	50	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			Open Frame / Spillage Free Frame Option	Spillage free frame					Galvanized	-	-	-		
Enclosure		Galvanized steel canopy and powder coating paint	Galvanized steel canopy and powder coating paint		Gull-wing HardHat® doors							HardHat® canopy				
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		1,67 x 1,10 x 2,50		1,8 x 1,35 x 2,97		1,13 x 0,76 x 2,2	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	702		694		826		276	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.



LIGHT THE POWER YOUR SIZING TOOL
A useful calculator to help you choose the best solution for your power and light needs



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




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