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 6.000 m^2 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

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 m 2 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
LED

LIGHT COVERAGE
3.000 m²
AVG. 20 LUXES

MINIMUM MAINTENANCE TIME AND COSTS

8m
80km/h
WIND STABILITY

DIMMABLE LED
4X160W

HiLight H6+

More than meets the eye

This new light tower offers low operational costs and reduced noise levels while increasing illumination coverage. It is ideal to use in tough environments, such as applications in construction, mining, and rental companies.

The HiLight H6+ comes with the innovative **HardHat® body**, made of medium-density polyethylene rather than metal, to protect the working operation underneath from the elements. The HardHat® is **resistant to corrosion**, lightweight, crack-resistant, environmentally friendly, and better able to meet the tough demands of on-site use.

It features a new generation of LED floodlights that are more efficient and provide optimal light distribution up to **6.000 m² illumination area** with a life expectancy of 50.000 hours. To offer the right luminosity at each moment and increased autonomy, the new HiLight H6+ comes with a dimming function on the easy-to-use control panel, located in an exterior lateral of the light tower.

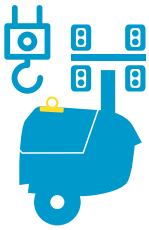
Maintenance and transport efficiency were a priority when designing the HiLight H6+. On the first front, the light tower only requires a **simple service** after 600 hours of operation which can be carried out in 40 minutes.

New

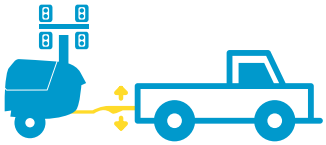
LED Light

The new **HiLight H6+** comes with three different ways of transporting; the integrated lifting point, four forklift slots and three different tow bars to choose. The adjustable tow bar provides **flexibility**, as it allows users to handle and transport the HiLight H6+ easily while towing with vans, trucks, and pick-ups.

Forklift slots



Integrated lifting point



Straight / Foldable / Adjustable tow bar

One side service

HardHat® BODY

UP TO 40% LESS FUEL AND CO_2 EMISSIONS*

-5dB(A) LOWER NOISE 55 dB(A)

40Min EVERY 600Hrs

LIGHT COVERAGE 6.000m² AVG. 20LUXES

LIFE SPAN 50.000 Hrs LED

*with dimming function

SMART MAST
DIMMING
OBSTACLE DETECTION
STABILITY ASSISTANCE
IMPACT DETECTION

HiLight B5+

The smart light tower

The renew ultra-quiet LED light tower HiLight B5+ has been designed to be seen and not heard while ensuring maximun 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 LED

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

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 6.000 Hrs METAL HALIDE

HardHat® technology

Spillage free frame

90 HOURS RUNTIME

OPERATION IN EXTREME ENVIROMENTS

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		LIGHT COVERAGE 5.000 m² AVG. 20 LUXES
300 HOURS RUNTIME (110 L FUEL TANK)	SERVICE INTERVAL (HRS) 600	Spillage free frame
0,36 l/h	63 dB(A) at 7m	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.

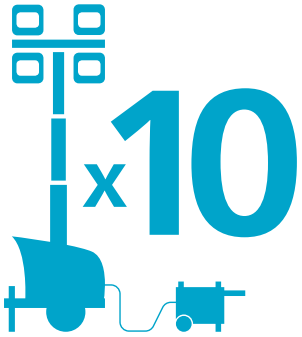
UP TO
15%
BRIGHTER

HiLight E3+

Electric light tower with HardHat®

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 100km/h WIND STABILITY

LIFE SPAN 50.000 Hrs LED

LIGHT COVERAGE 3.000 m² AVG. 10 LUXES

PLUG & LIGHT

ZERO FUEL AND CO_2 EMISSIONS

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.

EASY TO TRANSPORT

PLUG & LIGHT

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

LIFE SPAN
50.000 Hrs
LED

(*) 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

50km/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 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+	LED 320W	4	9	7	15	18
HiLight V2+	LED 320W	1	1	1	1	1
HiLight V3+	LED 4x120W	1	1	1	1	1
HiLight E3+	LED 4x160W	2	4	3	7	9

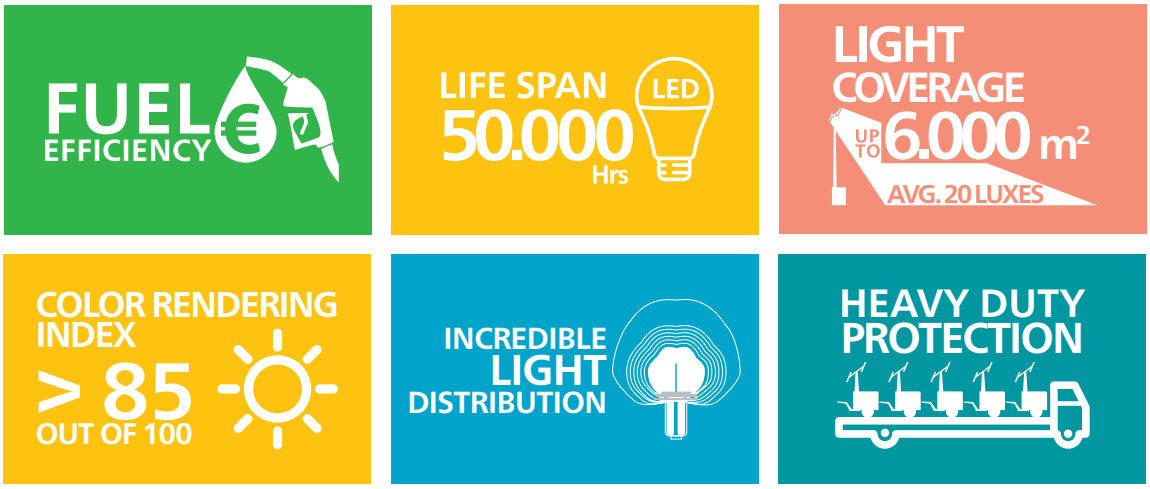
☑ Perfect fit
☑ Good choice

Choose the one that best fits your needs

	Segments	Energy Efficiency	Running hours	Area coverage	Easy movement	Lamps durability	Service interval	Transport efficiency
HiLight Z3+	EVENTS, CONSTRUCTION	●	●	○	○	●	●	●
HiLight H6+	CONSTRUCTION, QUARRY, EVENTS	●	●	●	●	●	●	●
HiLight B5+	ROAD WORKS, EVENTS	●	●	●	○	●	●	●
HiLight V4+	CONSTRUCTION, QUARRY	●	●	●	●	●	●	○
HiLight V5+	CONSTRUCTION, QUARRY	●	○	●	●	●	●	○
HiLight V4	CONSTRUCTION, QUARRY	○	○	●	●	○	●	○
HiLight E3+	EVENTS, ROAD WORKS	●	○	○	●	●	●	●
HiLight P2+	EVENTS	●	○	○	●	●	●	●
HiLight V2+/V3+	CONSTRUCTION, ROAD WORKS	●	○	○	●	●	●	●
HiLight V4W	CONSTRUCTION, QUARRY	●	●	●	●	○	●	○

● Best choice ○ Suitable

What's unique about our LED technology?



- 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 6.000 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)

(*) Savings will vary depending on comparison models.

		BATTERY	DIESEL								ELECTRIC			
		HiLight Z3+	HiLight H6+	HiLight B5+	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		3000 (average 10 luxes)	6000 (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 C02 free	HardHat® body	Compact box	HardHat® canopy	HardHat® canopy		HardHat® canopy		HardHat® canopy		Electric	Electric	Electric	Electric
Performance data															
Rated frequency	Hz	-	50	50 | 60	50 | 60	50 | 60		50 | 60		50 | 60		50 | 60	50	50	50
Rated voltage	VAC	-	230	230 | 120	230 | 120	230 | 120		230 | 120		230 | 120		230 | 120	230	230	230
Rated power (PRP)	kW	-	2,7	2,5 | 2,8	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)	ºC	-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	82	88	86		92 | 94	98 | 102	87 | 89	91 | 93	-	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	-	55	55	65	63		71 | 73		63 | 64	66 | 71	-	-	-	-
Engine															
Model		-	Kubota Z482	Kubota Z482	Kubota Z482	Kubota Z482	Kohler KDW702	Kubota Z482	Kohler KDW702	Kubta D1105	Kohler KDW1003	-	-	-	-
Speed	rpm	-	1500	1500 | 1800	1500 | 1800	1500 | 1800		3000 | 3600		1500 | 1800		-	-	-	-
Rated net output (PRP)	kW	-	2,7	2,7 | 3	2,7 | 3	2,7 | 3	5,5 | 6	6,9 | 8,1	11 | 11,5	8 | 9,5		-	-	-	-
Coolant		-	Water	Water	Water	Water		Water		Water		-	-	-	-
Number of cylinders		-	2	2	2	2		2		3		-	-	-	-
Alternator															
Model		-	Meccalte LT3/75	Meccalte LT3/75	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	3,5 | 4,5	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	125	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	5,1
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	HardHat® doors	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	2,09 x 1,29 x 2,5	1,16 x 1,16 x 2,5	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	980	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

LARGE POWER
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

Diesel and electric options available

ENERGY STORAGE SYSTEM

ZENERGIZE

LIGHT TOWERS

DIESEL

BATTERY

ELECTRIC

AIR COMPRESSORS AND HANDHELD TOOLS

AIR COMPRESSORS
1–116 m^3/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

LightThe Power

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

CONNECTED FLEET LINK SECURED

Atlas Copco

Atlas Copco Power Technique

www.atlascopco.com/ptba

2958 0920 02 v03 © Atlas Copco Power and Flow division. 2020