

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 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.

A tall, black HiLight S2+ light tower stands on a construction site at night, casting a bright, circular pool of light on the ground. In the background, a multi-story building under construction is visible, with a yellow crane on the right side. The scene is dark, with the light tower being the primary source of illumination.

Building a brighter future with solar energy

HiLight S2+ uses solar radiation as an energy source, providing silent and cleaner operations in construction projects, mining, oil and gas, and event sites.



HiLight V4+ and HiLight V5+

The 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.



LED Light
4X250W



LED Light
4X350W

LIGHT
COVERAGE
4.000 m²

300
HOURS
RUNTIME
(110 L FUEL TANK)

0,36 l/h



SERVICE
INTERVAL (HRS)
600

63 dB(A)
at 7m

LIGHT
COVERAGE
5.000 m²

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 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**

LIFE SPAN
6.000 Hrs  METAL HALIDE

HardHat® technology 
Spillage free frame 

 **90 HOURS RUNTIME**

 **OPERATION IN EXTREME ENVIRONMENTS**

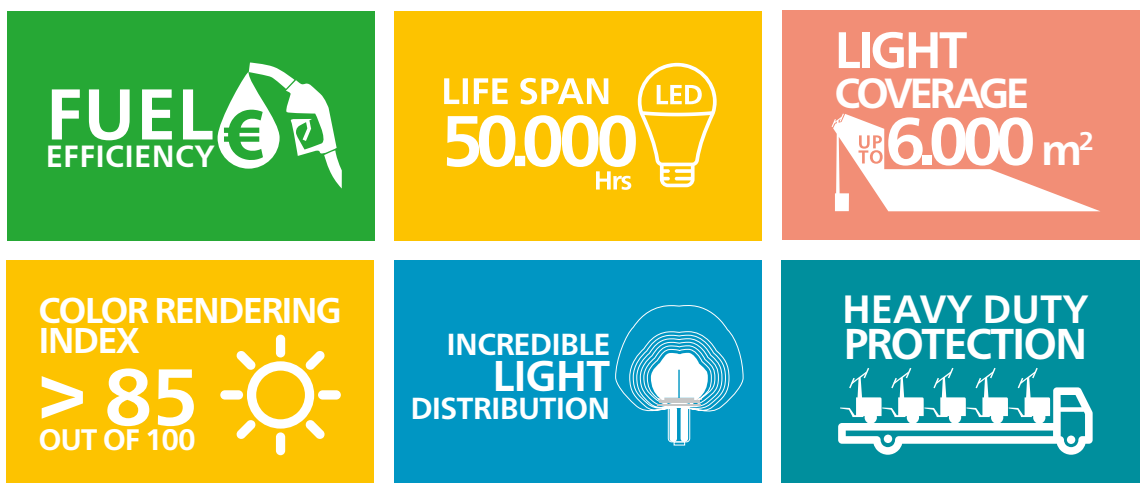
 **1,7 l/h**

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 S2+	CONSTRUCTION QUARRY EVENTS	●	●	○	●	●	●	○
HiLight H6+	CONSTRUCTION QUARRY EVENTS	●	●	●	●	●	●	●
HiLight B6+	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 S2+	HiLight H6+	HiLight B6+	HiLight V4+	HiLight V5+	HiLight V4	HiLight V4W	HiLight E3+	HiLight P2+	HiLight V2+	HiLight V3+
Light coverage m²		3000 (average 10 luxes)	2000 (average 10 luxes)	6000 (average 20 luxes)	6000 (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	LED	Metal halide	Metal halide	LED	LED	LED	LED
Mast		Hydraulic	Vertical manual	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	Solar Noise and CO2 free	HardHat® body	Compact box	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	50	50
Rated voltage	VAC	-	230 240	230	230 120	230 120	230 120	230 120	230 120	230 120	230	230	230
Rated power (PRP)	kW	-	-	2,3	2,3 2,4	2,3 2,4	2,3 2,4	5,5 6	6 8	-	-	-	-
Operating temperature (min/max)	°C	-20/50	-5/50	-20 / 40	-20 / 40	-25 / 50	-25 / 50	-25 / 49	-25 / 50	-	-	-	-
Sound power level (LwA)	dB(A)	-	-	82	82	88	86	92 94	87 89	-	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	-	-	55	55	65	63	71 73	63 64	-	-	-	-
Energy Source													
Type		Battery	Solar	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Electric	Electric	Electric	Electric
Model		-	-	Kubota Z482	Kubota Z482	Kubota Z482	Kubota Z482	Kubota Z482	Kubota D1105	-	-	-	-
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	6,9 8,1	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 ACA132BL	Atlas Copco ACA132B®	Meccalte LT3/75	Sincro EK 2 MCT	Atlas Copco DP06/ AG164	-	-	-	-
Rated output	kVA	-	-	3,5 4,5	3,5 4,5 3 4	3 4	3,5 4,5	6 7,5	6 8	-	-	-	-
Insulation / Enclosure protection	class/IP	-	-	H / 21	H / 21 H / 23	H / 23	H / 21	H / 23	H / 23	-	-	-	-
Energy Consumption													
Fuel tank capacity	l	-	-	125	130	110	110	110	160	-	-	-	-
Autonomy	h	18 32	11 22	185	200	245	150	57 50	90	-	-	-	-
Power output													
Auxiliary power	kW	-	-	1,2	1,2	1	1	1,4 2	2	-	-	-	-
Lights													
Floodlights		LED	LED	LED	LED	LED	LED	Metal halide	Metal halide	LED	LED	LED	LED
Wattage	W	4 x 160	4 x 90	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	Manual	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	340	360	360	360	360	0	0	0	0
Maximum height	m	8	7	8	8	7,5	7,5	7,5	7,5	7	3,5	5	5
Maximum speed wind	km/h	80	80	80	80	80	80	80	80	80	50	80	80
Enclosure and trailer													
Type		-	Trailer with 4 point leveling system	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	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	3,55 x 1,7 x 2,3	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	1204	995	980	702	702	694	826	276	45	110	110

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(*) CE models, please consult



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