

Atlas Copco



Your site, your light

The HiLight range of light towers

Efficient and reliable lighting for optimal site coverage

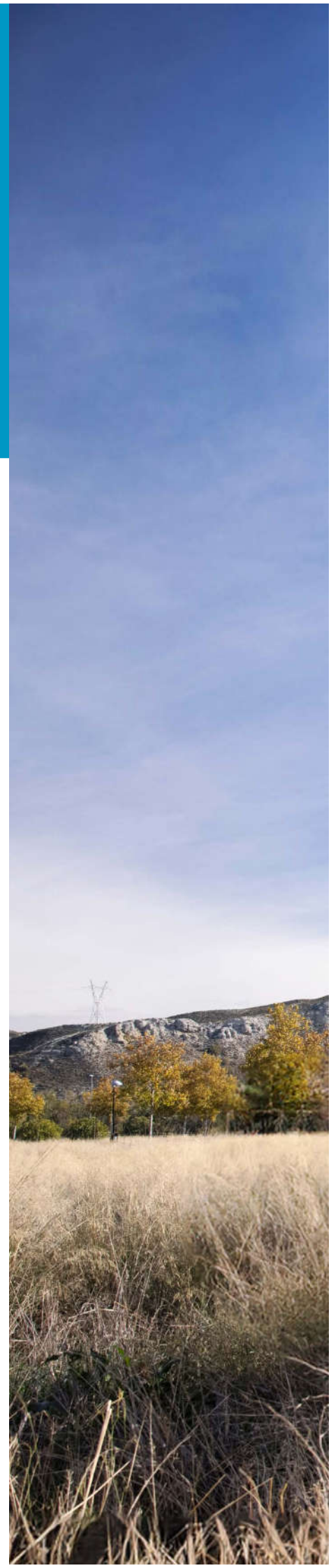
The HiLight range offers you a wide variety of choices, so you can choose the right lighting tower for your application. We supply temporary lighting to a multiple range of industries with a flexible and dynamic approach to operations, addressing efficiency and safety on site. You can also be assured of the robust build quality and compact size for which Atlas Copco is globally recognized.


From LED technology to the new SMD lights, we are leading the way on innovation in lighting solutions. The SMD lenses in our LED light towers are engineered to increase light coverage by 20% compared to traditional COB LED type.

The innovative and fully directional lens design means we maximize the light coverage and reduce "lighting waste".

A single HiLight can now cover an area of 7.000m² with an average of 20 luxes of brightness — ensuring a brighter, safer and more productive site.

HiLight provides you with a full portfolio of innovative and easy-to-use light towers for an energy saving light coverage that will help you boost your operational productivity while meeting environmental and safety standards.



A solar-powered lighting system is shown in a field. The system consists of a trailer with two solar panels, a tall pole with a light fixture, and a power cord. The background features a field of tall grass, a building under construction, and a hill with a tower. The sky is blue with some clouds.

Building a brighter future with solar energy

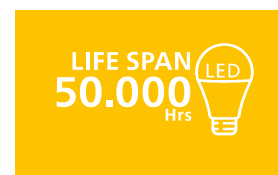
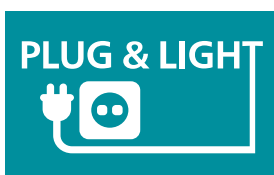
The MS 4 and MS 5 use solar radiation as an energy source, meeting noise and emission norms in construction projects, mining, oil and gas, and event sites.



HiLight V3+

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

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



Choose the one that best fits your needs

	Segments	Energy Efficiency	Running hours	Area coverage	Easy movement	Lamps durability	Service interval	Transport efficiency
HiLight MS 4	Industry, events, construction, rental, quarry, mining	●	●	●	●	●	●	●
HiLight MS 5	Industry, events, construction, rental, quarry, mining	●	●	●	●	●	●	●
HiLight PS 3	Events, rental	●	○	○	●	●	●	●
HiLight BI+ 4	Industry, events, construction, rental, quarry, mining	●	●	●	○	●	●	●
HiLight E3+	Agriculture, events, construction	●	○	○	●	●	●	●
HiLight PE 3	Construction, rental, quarry, mining	●	○	○	●	●	●	●
HiLight V3+	Industry, rental, construction, quarry, mining	●	○	○	●	●	●	●
HiLight H7+	Rental, quarry, mining	●	●	●	●	●	●	●
HiLight B7+	Rental, quarry, mining	●	●	●	○	●	●	●
HiLight V5+ NEO	Rental, quarry, mining	●	●	●	●	●	●	●
HiLight V7+	Rental, quarry, mining	●	●	●	●	●	●	●

● Best choice ○ Suitable

What's unique about our LED technology?

FUEL EFFICIENCY

LIFE SPAN
50.000 Hrs

LIGHT COVERAGE
UP TO 7.000 m²

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 directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers offer up to 7.000 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.










SMD LED Savings per Year (per unit, 1500h, compared to a metal halide light tower)



* Savings will vary depending on comparison models.

		 SOLAR			 HYBRID	 DIESEL	
							
		HiLight PS 3	HiLight MS 4	HiLight MS 5	HiLight BI+ 4	HiLight H7+	HiLight B7+
Light coverage	m ²	3000	3846	5278	4000	7360	7360
Lamps		SMD LED	SMD LED	SMD LED	SMD LED	SMD LED	SMD LED
Mast		Vertical manual	Vertical manual	Vertical manual	Vertical hydraulic	Vertical hydraulic	Vertical hydraulic
Features		Working with ZBP2000, Dimming, WiFi connection, Trolley and 2x200W foldable solar panel	* Discharging, Charging the minimum is 0°C. Solar, 1x Lithium Battery standard. Option for 2 Batteries, 3x 430Wp solar panel Dimming and Photocell as standard, Smart ECO Light Controller	* Discharging, Charging the minimum is 0°C. Solar, 1x Lithium Battery standard. Option for 2 Batteries, 3x 430Wp solar panel Dimming and Photocell as standard, Smart ECO Light Controller	Hybrid, 4 operation mode, Electrical mast rotation, can be used in 60Hz, without output socket.	HardHat® body	Compact box
Performance data							
Rated frequency	Hz	50 60	50 60	50 60	50	50	50
Rated voltage	VAC	100-277	230 240	230 240	230 (Input)	230	230
Rated power (PRP)	kW	0,48	-	-	1,4	2,21	2,21
Operating temperature (min/max)	°C	-10/50*	-20*/55	-20*/55	-4 / 50	-20 / 40	-20 / 40
Sound power level (LwA)	dB(A)	-	-	-	80	83	82
Sound pressure level (LpA) at 7m	dB(A)	-	-	-	54	56	54
Energy Source							
Type		Solar	Solar	Solar	Hybrid	Diesel Stage V	Diesel Stage V
Model		-	-	-	Kubota Z482	Kubota Z482	Kubota Z482
Speed	rpm	-	-	-	1500	1500	1500
Rated net output (PRP)	kW	-	-	-	2,96	2,96	2,96
Coolant		-	-	-	Water	Water	Water
Number of cylinders		-	-	-	2	2	2
Alternator							
Model		-	-	-	NSM PMG-DC 1/8SC-20	Linz Alumen SB®	Linz Alumen SB
Rated output	kVA	-	-	-	4,5	3,5	3,5
Insulation / Enclosure protection	class/IP	-	-	-	H / 21	H / 21	H / 21
Fuel Consumption							
Fuel tank capacity	l	-	-	-	180	120	130
Autonomy	h	-	11	16	614	176	191
Power output							
Auxiliary power	kW	-	-	-	Optional	1,2	1,2
Lights							
Floodlights		LED	LED	LED	LED	LED	LED
LED Type		SMD	SMD	SMD	SMD	SMD	SMD
Power	W	4 x 120	3 x 150	4 x 150	4 x 150	4x 350	4 x 350
Light coverage (20 lux avg)		3.000	3.846	5.278	4.000	7.360	7.360
Light coverage (min 1 lux)		4.060	4.592	5.852	6.780	12.567	12.567
Total Lumen		72.000	61.500	117.000	90.000	210.000	210.000
Mast							
Type		Manual	Manual	Manual	Hydraulic	Hydraulic	Hydraulic
Rotation	degrees	360	340	340	340	340	340
Maximum height	m	3	7	7	8	7,9	7,9
Maximum speed wind (Category IV)	km/h	50	105	105	105	105	105
Enclosure and trailer							
Type		Trolley with a Mast and 2x200W solar Panel to be used with ZBP2000	Trailer	Trailer	Box	EU Road homologated fix or adjustable towbar, or site trailer	Box
Base frame		-	Galvanized	Galvanized	Spillage free frame		
Enclosure		Main body carbon steel gray powder coated + stainless steel	HardHat®	HardHat®	Galvanized steel canopy and powder coating paint	HardBody®	Galvanized steel canopy and powder coating paint
Dimensions and weight							
Dimensions in transport Fix Towbar(L x V x H)	m	1,00 x 0,712 x 1,21	3,57 x 1,14 x 2,66	3,57 x 1,14 x 2,66	1,18 x 1,16 x 2,59	2,29 x 1,29 x 2,55	1,16 x 1,16 x 2,45
Weight (dry)	kg	125	870	1000	805	995	980



		DIESEL		ELECTRIC		
						
		HiLight V7+	HiLight V5+ NEO	HiLight E3+	HiLight PE 3	HiLight V3+
Light coverage m2 		7360	5000	3000 (avg 12 Luxes)	3000	2500 (avg 10 Luxes)
Lamps 		SMD LED	SMD LED	COB LED	SMD LED	COB LED
Mast 		Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual
Features 		Gull-wing HardHat® doors	Gull-wing HardHat® doors Spillage Free as option	Electric	Electric, Dimming, WiFi connection and plastic case for transport. IP67 IK10	Electric
Performance data						
Rated frequency	Hz	50 60	50 60	50 60	50 60	50
Rated voltage	VAC	230 240 120	230 240 120	230 120	100-277	230
Rated power (PRP)	kW	2,3 2,4 2,4	2,3 2,4 2,4	-	0,48	-
Operating temperature (min/max)	°C	-25 / 50	-25 / 50	-	-40 / 45	-
Sound power level (LwA)	dB(A)	88	88	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	65	65	-	-	-
Energy Source						
Type		Diesel Stage 3A Stage V Tier 4f	"Diesel Stage 3A Stage V Tier 4f"	Electric	Electric	Electric
Model		Kubota Z482	Kubota Z482	-	-	-
Speed	rpm	1500 1800	1500 1800	-	-	-
Rated net output (PRP)	kW	3,4	4,1 4,9 4,1	-	-	-
Coolant		Water	Water	-	-	-
Number of cylinders		2	2	-	-	-
Alternator						
Model		Atlas Copco ACA132BL	"Atlas Copco ACA132B"	-	-	-
Rated output	kVA	3 4	3 4	-	-	-
Insulation / Enclosure protection	class/IP	H / 23	H / 23	-	-	-
Fuel Consumption						
Fuel tank capacity	l	110	110	-	-	-
Autonomy	h	135 142	275 289	-	-	-
Power output						
Auxiliary power	kW	1	1	-	-	-
Lights						
Floodlights		LED	LED	LED	LED	LED
LED Type	W	SMD	SMD	COB	SMD	COB
Power		4x 350	4x 250	4x 160	4x 120	4x 120
Light coverage (20 lux avg)		7.360	5.000	3.000 (avg 12 Luxes)"	3.000	2.500 (avg 10 Luxes)"
Light coverage (min 1 lux)		12.102	9.366	-	4.060	-
Total Lumen		210.000	155.000	80.000	72.000	60.000
Mast						
Type		Manual	Manual	Manual	Manual	Manual
Rotation	degrees	340	340	-	360	-
Maximum height	m	7,5	7,5	7	3	5
Maximum speed wind (Category IV)	km/h	105	105	105	50	80
Enclosure and trailer						
Type		Site Trailer with 4 point leveling system	Site Trailer with 4 point leveling system	-	Manual mast with suitcase for transport	Heavy Duty Trailer with bumpers in PE
Base frame		Spillage free frame	Open	Galvanized	-	-
Enclosure		HardHat®	HardHat®	HardHat®	-	-
Dimensions and weight						
Dimensions in transport Fix Towbar(L x W x H)	m	1,89 x 1,11 x 2,94	1,90 x 1,14 x 2,68	1,13 x 0,76 x 2,2	1,19 x 0,53 x 0,20	1,1 x 0,85 x 2,00
Weight (dry)	kg	702	702	276	30	110