

The image shows four Atlas Copco HiLight light towers standing on a grassy field at dusk. Each tower is a yellow and grey trailer-mounted unit with a tall, extendable mast. The masts are fully extended, and each has four bright, circular light heads at the top, which are illuminated, casting a strong glow. The background shows a dark sky with some clouds and a building in the distance. In the bottom left corner, there is a blue triangular graphic containing a technical drawing of a light tower's base and mast, with various dimensions and labels like 'C-C (1.3)', 'Ø22', 'Ø20', '10.8', '18.5', '30.8', '10.5', '14.8', '12.7', '10.9', '16.4', '16.8', '17.2', '17.5', '17.8', '18.1', '18.4', '18.7', '19.0', '19.3', '19.6', '19.9', '20.2', '20.5', '20.8', '21.1', '21.4', '21.7', '22.0', '22.3', '22.6', '22.9', '23.2', '23.5', '23.8', '24.1', '24.4', '24.7', '25.0', '25.3', '25.6', '25.9', '26.2', '26.5', '26.8', '27.1', '27.4', '27.7', '28.0', '28.3', '28.6', '28.9', '29.2', '29.5', '29.8', '30.1', '30.4', '30.7', '31.0', '31.3', '31.6', '31.9', '32.2', '32.5', '32.8', '33.1', '33.4', '33.7', '34.0', '34.3', '34.6', '34.9', '35.2', '35.5', '35.8', '36.1', '36.4', '36.7', '37.0', '37.3', '37.6', '37.9', '38.2', '38.5', '38.8', '39.1', '39.4', '39.7', '40.0', '40.3', '40.6', '40.9', '41.2', '41.5', '41.8', '42.1', '42.4', '42.7', '43.0', '43.3', '43.6', '43.9', '44.2', 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# Efficient temporary lighting for improved productivity

The HiLight range offers you a wide variety of choices, so you can choose the right lighting tower for your application. We supply 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.

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 the toughest and most demanding conditions.

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<sup>2</sup> with a with an average of 20 luxes of brightness —ensuring a brighter, safer and more productive site.

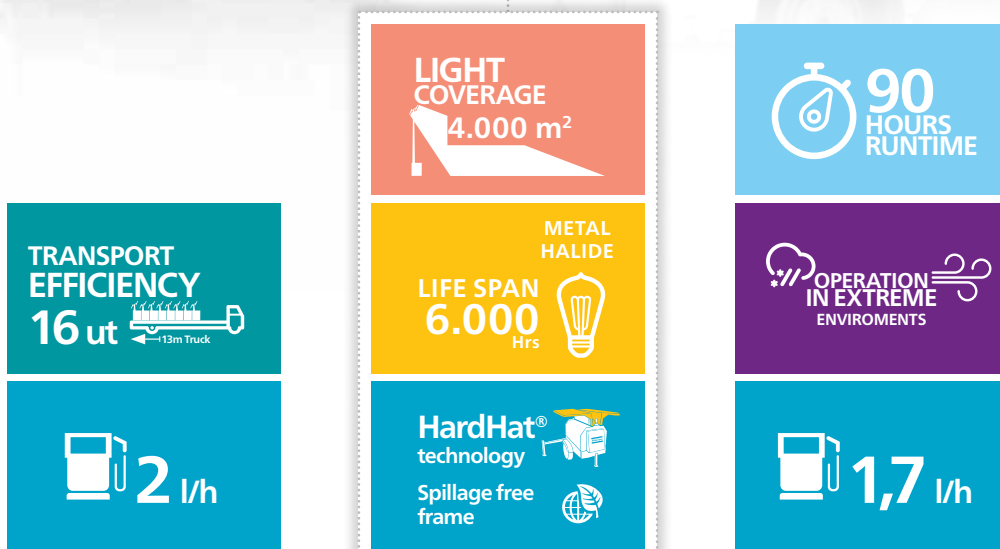
HiLight provides you with a full portfolio of innovative and easy-to-use light towers for an energy-efficient light coverage that will help you boost your operational productivity while meeting environmental and safety standards.



# 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.



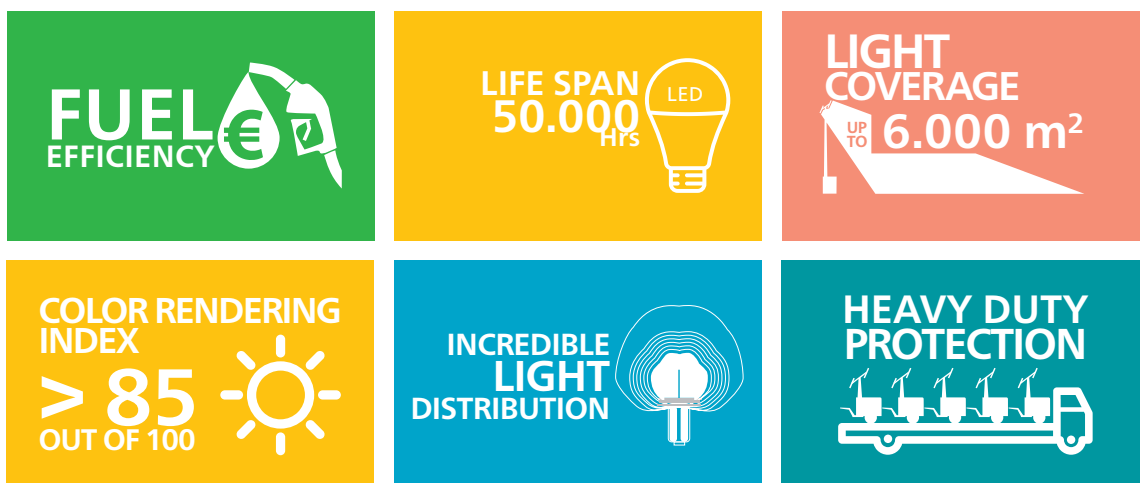


# Choose the one that best fits your needs

	Segments	Energy Efficiency	Running hours	Area coverage	Easy movement	Lamps durability	Service interval	Transport efficiency
HiLight BI+ 4	Industry, events, construction, rental, quarry, mining	●	●	●	●	●	●	●
HiLight S2+	Construction, quarry, events, rental	●	○	○	●	●	●	○
HiLight E3+	Industry, agriculture, events, construction, rental	●	○	○	●	●	●	●
HiLight PE 3	Events, rental	●	○	○	●	●	●	●
HiLight V3+	Agriculture, events, construction	●	○	○	●	●	●	●
HiLight H6+	Construction, rental, quarry, mining	●	●	●	●	●	●	●
HiLight B6+	Industry, rental, construction, quarry, mining	●	●	●	○	●	●	●
HiLight V5+	Rental, quarry, mining	●	●	●	●	●	●	●
HiLight V4+	Rental, quarry, mining	●	●	●	●	●	●	●
HiLight V4	Quarry, mining	○	○	●	●	○	○	●
HiLight V4W	Quarry, mining	○	○	●	●	○	○	○

● 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 directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers offer 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 Saving per Year (per unit, 1500h, compared to a metal halide light tower)



(\*) Savings will vary depending on comparison models.

									
		SOLAR		HYBRID	DIESEL				
									
		HiLight S2+	HiLight PS 3	HiLight BI+ 4	HiLight H6+	HiLight B6+	HiLight V4+	HiLight V5+	HiLight V4
Light coverage m2 		2000 (average 20 luxes)	3000 (average 20 luxes)	4000	6000	6000	4000 (average 20 luxes)	5000	4000
Lamps 		LED	LED	LED	LED	LED	LED	LED	Metal halide
Mast 		Vertical manual	Vertical manual	Vertical hydraulic	Vertical hydraulic	Vertical hydraulic	Vertical manual	Vertical manual	Vertical manual
Features 		Solar	Working with ZBP2000, Dimming, WiFi connection, Trolley and 2x200W foldable solar pane	Hybrid, 4 operation mode, Electrical mast rotation, can be used in 60Hz, without output socket	HardHat® body	Compact box	HardHat® canopy	HardHat® canopy	HardHat® canopy
Performance data									
Rated frequency	Hz	50   60	50   60	50	50	50   60	50   60	50   60	50   60
Rated voltage	VAC	230   240	100-277V	230 (Input)	230	230   120	230   120	230   120	230   120
Rated power (PRP)	kW	-	0,48	1,4	2,3	2,3   2,4	2,3   2,4	2,3   2,4	5,5   6
Operating temperature (min/max)	°C	-5/50	-10/50*	-10 / 50	-20 / 40	-20 / 40	-25 / 50	-25 / 50	-25 / 49
Sound power level (LwA)	dB(A)	-		80	82	82	88	86	92   94
Sound pressure level (LpA) at 7m	dB(A)	-		54	55	55	65	63	71   73
Energy Source									
Type		Solar	Solar	Hybrid	Diesel	Diesel	Diesel	Diesel	Diesel
Model		-		Kubota Z482	Kubota Z482	Kubota Z482	Kubota Z482	Kubota Z482	Kubota Z482
Speed	rpm	-		1500	1500	1500   1800	1500   1800	1500   1800	3000   3600
Rated net output (PRP)	kW	-		2,7	2,7	2,7   3	2,7   3	2,7   3	6,9   8,1
Coolant		-		Water	Water	Water	Water	Water	Water
Number of cylinders		-		2	2	2	2	2	2
Alternator									
Model		-	-	NSM	Linz Alumen 5B"	Meccalte LT3/75 ACA132BL"	"Atlas Copco ACA132B"	"Atlas Copco ACA132B"	Sincro EK 2 MCT
Rated output	kVA	-	-	4,5	3,5   4,5	3,5   4,5 3   4	3   4	3   4	6   7,5
Insulation / Enclosure protection	class/IP	-		H / 21	H / 21	H / 21 H / 23"	H / 23	H / 23	H / 23
Fuel Consumption									
Fuel tank capacity	l	-		180	120	130	110	110	110
Autonomy	h	11   22		614	180	200	305   297	137   145	57   50
Power output									
Auxiliary power	kW	-	-	Optional	1,2	1,2	1	1	1,4   2
Lights									
Floodlights		LED	LED	LED	LED	LED	LED	LED	Metal halide
Wattage	W	4 x 90	4 x 120	4 x 150	4 x 350	4 x 350	4 x 250	4 x 350	4 x 1000
Mast									
Type		Manual	Manual	Hydraulic	Hydraulic	Hydraulic	Manual vertical, 5 section	Manual vertical, 5 section	Manual vertical, 5 section
Rotation	degrees	340	360	340	340	340	360	360	360
Maximum height	m	7	3	8	8	8	7,5	7,5	7,5
Maximum wind speed	km/h	80	50	80	80	80	80	80	80
Enclosure and trailer									
Type		Trailer with 4 point leveling system	Trolley with a Mast and 2x200W solar Panel to be used with ZBP2000	-	EU Road homologated fix or adjustable towbar, or site trailer	-	Site Trailer with 4 point leveling system	EU Road homologated or Site Trailer with 4 point leveling system	EU Road homologated or Site Trailer with 4 point leveling system
Base frame		Galvanized	-	Spillage free frame					
Enclosure		Galvanized steel canopy and powder coating paint	Main body carbon steel gray powder coated + stainless steel	Galvanized steel canopy and powder coating paint	HardBody®	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	3,55 x 1,7x 2,3	1 x 0,72 x 1,22	1,18 x 1,16 x 2,59	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
Weight	kg	1204	125	1005	995	980	702	702	670



		ELECTRIC				
						
		HiLight V4W	HiLight E3+	HiLight PE 3	HiLight V2+	HiLight V3+
Light coverage m <sup>2</sup>		4000	3000 (average 12 luxes)	3000 (average 20 luxes)	2000 (average 10 luxes)	2500 (average 10 luxes)
Lamps		Metal halide	LED	LED	LED	LED
Mast		Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual
Features		HardHat® canopy	Electric	Electric, Dimming, WiFi connection and plastic case for transport. IP67 IK10	Electric	Electric
Performance data						
Rated frequency	Hz	50   60	50   60	50   60	50	50
Rated voltage	VAC	230   120	230   120	100-277V	230	230
Rated power (PRP)	kW	6   8	-	0,48	-	-
Operating temperature (min/max)	°C	-25 / 50	-	-40 / 45	-	-
Sound power level (LwA)	dB(A)	87   89		-		
Sound pressure level (LpA) at 7m	dB(A)	63   64		-		
Energy Source						
Type		Diesel	Electric	Electric	Electric	Electric
Model		Kubota Z482	-	-	-	-
Speed	rpm	1500   1800	-	-	-	-
Rated net output (PRP)	kW	2,7   3	-	-	-	-
Coolant		Water	-	-	-	-
Number of cylinders		2	-	-	-	-
Alternator						
Model		Atlas Copco DP06/AG164	-	-	-	-
Rated output	kVA	6   8	-	-	-	-
Insulation / Enclosure protection	class/IP	H / 23	-	-	-	-
Fuel Consumption						
Fuel tank capacity	l	160				
Autonomy	h	90				
Power output						
Auxiliary power	kW	2				
Lights						
Floodlights		Metal halide	LED	LED	LED	LED
Wattage	W	4 x 1000	4 x 160, 1 x 500	4 x 120	320	4 x 120
Mast						
Type		Manual vertical, 5 section	Manual	Manual	Manual	Manual
Rotation	degrees	360	0	360	0	0
Maximum height	m	7,5	7	3	5	5
Maximum wind speed	km/h	80	80	50	50	50
Enclosure and trailer						
Type		EU Road homologated or Site Trailer with 4 point leveling system	-	Manual mast with plastic case for transport	Heavy Duty Trailer with bumpers in PE	
Base frame		Spillage free frame	Galvanized	-	-	-
Enclosure		Gull-wing HardHat® doors	HardHat® canopy	-	-	-
Dimensions and weight						
Dimensions in transport Fix Towbar(L x W x H)	m	1,8 x 1,35 x 2,97	1,13 x 0,76 x 2,2	1,19 x 0,53 x 0,20	1,1 x 0,85 x 2	1,1 x 0,85 x 2
Weight	kg	826	276	30	110	110

# Product portfolio

## ENERGY STORAGE SYSTEMS

**EXTRA SMALL**  
2–10 kVA



**SMALL**  
15–150 kVA



**MEDIUM**  
200–500 kVA



**FAST CHARGER**  
160 kW



## GENERATORS

**PORTABLE**  
1,6–12 kVA

**StageV**



**SPECIALIZED**  
9–660\* kVA

**StageV**



**VERSATILE**  
9–1250\* kVA



**LARGE POWER**  
800–1450 kVA

**StageV**



\*Multiple configurations available to produce power for any size application

## DEWATERING PUMPS

**ELECTRIC SUBMERSIBLE**  
up to 18 000 l/min



**ELECTRIC SELF-PRIMING CENTRIFUGAL**  
833–23.300 l/min

**StageV**



**SELF-PRIMING CENTRIFUGAL**  
833–23.300 l/min



## LIGHT TOWERS

**DIESEL**

**StageV**



**BATTERY**



**ELECTRIC**



## ONLINE SOLUTIONS

### FLEETLINK

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



### PUMP SIZING CALCULATOR

With a few inputs, this pump sizing calculator will help you to compare dewatering submersible models and find the right one for you.



### LIGHT THE POWER: YOUR SIZING TOOL

A useful calculator to help you choose the best solution for your power and light needs.

