

HiLight H6+

More than meets the eye

This light tower offers low operational costs and reduced noise levels while increasing illumination coverage. It is ideal for tough environments, such as mining and construction applications, as well as for the rental industry.

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

It features a new generation of LED floodlights that are more efficient and provide optimal light distribution with an illumination area of up to 6.000 m2 and a life expectancy of 50.000 hours. To offer the right luminosity at each moment and increased autonomy, the 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.

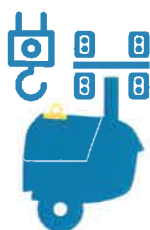




The new **HiLight H6+** can be transported in three different ways. It has an integrated lifting point, four forklift slots and three different tow bars to choose. The adjustable tow bar provides **flexibility**, as it allows users to handle and transport the HiLight H6+ easily while towing with vans, trucks, and pick-ups.



Forklift slots



Integrated lifting point



Straight / Foldable / Adjustable tow bar



One side service



**LED
Light**

HardHat®
BODY



UP TO
40% LESS
FUEL AND CO₂
EMISSIONS*



-5dB(A)
LOWER
NOISE



40Min
EVERY 600Hrs



**LIGHT
COVERAGE**
6.000 m²



LIFE SPAN
50.000
Hrs



*with dimming function

Atlas Copco

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)

2.580 Liters **-79%**

6.708 Kilograms **-79%**

30 Trees **-60%**

(*) 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 SB®	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 levelling 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 V 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