

HiLight V4 HiLight V5+

The HardHat® range.
Providing outstanding
safety and efficiency.



Atlas Copco



HARDHAT[®] SAFE LIGHT

The **HiLight V4** and **V5+** are the light towers that construction sites, outdoor events and industries around the world have been asking for. We know you need a durable and robust light tower that ensures safety. Our **HiLight V4** is the leading solution within the 4000W metal halide light tower segment. For the ultimate in fuel economy and reliability, the premium **HiLight V5+** is an excellent alternative. Its LED lighting technology provides extended benefits and represents outstanding value for our customers.

In addition, we have coupled our new light tower technology with the legendary **Atlas Copco HardHat canopy**. The **HardHat** canopy is exceptionally tough, yet still lightweight. Many years down the road, your light tower will look and perform like it only just rolled onto your site, maximizing the value of your asset.

The result, an incredibly durable, lightweight and compact light tower which can be transported with the mast in the vertical position, allowing quick, safe and efficient transportation.

KEY BENEFITS

Easy to move



Versatility



Service efficiency



Safety



Robustness

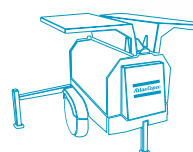


HIGH LUMINOSITY

The **HiLight V4** has four metal halide lamps offering high efficiency. A luminosity of 440.000 lumens from 4 x 1000 W metal halide lights.



ROBUST AND DURABLE



Legendary **HardHat** enclosure made of Polyethylene. The exclusive hinged top panel provides easy access to the engine, generator and electrical components for quick and hassle-free maintenance.

EASY TRANSPORTATION



The compact footprint of both the **HiLight V4** and **V5+** allows you to transport up to 20 units on a 53 ft trailer. Its lifting beam with forklift pockets along with a heavy duty lifting eye facilitates easy movement. The spring axle trailer, tow hitch, and lighting conform to transportation requirements.



HIGH LUMINOSITY

The **HiLight V5+** comes with 4 LED lamps x 350 W that gives you even more durability and light coverage.

FUEL EFFICIENCY



The best fuel consumption in its segment with a fuel consumption of 0.7 l/hr, and a maximum run time of 150 hrs.



SAVINGS: UP TO 60%
- 2.000 LITERS EVERY 2.000 HOURS

SAFE MAST



The vertical mast is extremely stable and quick to operate. These two models can be transported with the mast in vertical position.

ENVIRONMENTALLY SAFE



The two models feature a spillage free frame for fluid containment.

We also feature easy access oil & water drains for serviceability.

QUIET OPERATION



Thanks to its air flow design and the **Hardhat canopy**, the **HiLight V5+** is the most silent Light Tower in its segment with 63 dB(A) @ 7m.



TECHNICAL DATA

Performance Data		HiLight V4		HiLight V5+	
Rated Frequency	Hz	50 Hz	60 Hz	50 Hz	60 Hz
Rated Voltage	V	230	240/120	230	240/120
Rated Power (PRP)	kW	5,4	6,8	2,5	2,7
Operating Temperature (min/max)	°C	-10/49	-10/49	-10/50	-10/50
Sound Power @ 7m (LPA)	dB(A)	71	73	63	63
Engine - Kubota					
Model		Z482	Z482 EPA Tier 4	Z482 EPA Tier 4	
Speed	rpm	3.000	3.600	1.500	1.800
Rated Net Output (PRP)	kW	6,9	8,1	2,7	3
Coolant		Liquid cooled diesel		Liquid cooled diesel	
Number of cylinders		2		2	
Alternator - Sincro					
Model		EK 2 MCT		Mecalte LT 75	
Rated Output	kVA	6	7,5	3,5	4,5
Insulation / Enclosure protection	class/IP	H/23		H/23	
Consumption					
Fuel tank capacity	liter	105		105	
Runtime before refueling @ 4kW Load	hrs	57	50	150	150
Battery		45 Ah, 390 CCA		45 Ah, 390 CCA	
Power Output					
Aux Power MCCB	kW	1,4	2	1	1
Lights					
Floodlights		4 x Metal Halide		4 x LED	
Wattage	W	4 x 1.000		4 x 350	
Luminosity		5,4lm/m ² @ 28.328m ² (0.5fc @ 7 acres)		5,4lm/m ² @ 28.328m ² (0.5fc @ 7 acres)	
Manual mast					
Type		Vertical, 5 section with 2500 lbs winch		Vertical, 5 section with 3500 lbs winch	
Rotation	degrees	360		360	
Maximum Height	m	7,5		7,5	
Maximum Speed Wind	kph	80		80	
Construction					
Traier		Unibody trailer with 4 point leveling system		Unibody trailer with 4 point leveling system	
Tires		155R13		155R13	
Tow Hitch		2 inch ball / pintle combo		2 inch ball / pintle combo	
Base Frame		Fluid containment system with external drain system		Fluid containment system with external drain system	
Enclosure		Gull-wing HardHat doors		Gull-wing HardHat doors	
Dimensions and weighth					
Dimensions in transport (LxWxH)	m	1,67 x 1,10 x 2,50		1,67 x 1,10 x 2,50	
Dimensions in operation (LxWxH)	m	2,90 x 2,31 x 7,54		2,90 x 2,31 x 7,54	
Weight	kg	694		702	

ADDITIONAL STANDARD FEATURES

- 4 LED lamps x 350 W / 4 x 1000 W metal halide
- 4 heavy duty stabilizers with level bubble
- Spring axle lower case and tow hitch conforms to transportation requirements
- Compact Kubota Z482 Tier 4 Final engine
- Spillage free frame with fluid containment
- Oil & coolant drains for serviceability
- User friendly control & power panel:
 - Independent circuit breakers
 - Hour meter & key switch
- 105 liter fuel tank for long run time between fills

OPTIONS

- Emergency stop button
- DC electric winch
- Ground connection
- LC 1003 digital controller with photocell and weekly timer
- Engine block heaters
- Spark arrestor
- Customized colors
- Auxiliary power output

SEGMENTS



COMMITTED TO SUSTAINABLE PRODUCTIVITY

Atlas Copco's Portable Energy division is committed to forward-thinking. For us, sustainable productivity is all about anticipating and exceeding your future needs – while never compromising our environmental principals. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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