


# HARDHAT<sup>®</sup> 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<sup>®</sup> canopy**. The **HardHat<sup>®</sup>** 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.








**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.



## KEY BENEFITS

- Easy to move 
- Versatility 
- Service efficiency 
- Safety 
- Robustness 




**LUMINOSITY**  
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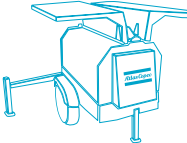


**MH 4 x 1000 W**



**LED 4 x 350 W**

**ROBUST AND DURABLE**   



Legendary **HardHat<sup>®</sup>** 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 ultracompact 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 DOT 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



It offers the best fuel consumption on its segment with 0.185gal (0.7 l/hr), with a maximum run time of 150 hrs.



**SAVINGS:**  
520 GAL (2,000 LIT)  
EVERY 2,000 HOURS

## USER FRIENDLY & POWER PANEL



User friendly controls and power panel with independent circuit breakers.

Hour meter and key switch with a 120 VAC auxiliary power output.

## ENVIRONMENTALLY SAFE



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

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

## SILENT OPERATION



Thanks to its air flow design and the **HardHat® canopy**, the **HiLight V5+** is the most silent light tower in its segment.



## TECHNICAL DATA

Performance Data		HiLight V4	HiLight V5+
Rated frequency	Hz	60 Hz	60 Hz
Rated voltage	V	120	120
Rated power (PRP)	kW	6.8	2.7
Operating temperature (min/max)	°F (°C)	14/120 (-10/49)	14/122 (-10/50)
Sound power @ 7m (LPA)	dB(A)	73	63
Engine - Kubota			
Model		Z482 EPA Tier 4	Z482 EPA Tier 4
Speed	rpm	3,600	1,800
Rated net output (PRP)	kW	8.1	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	7.5	4.5
Insulation / enclosure protection	class/IP	H/23	H/23
Consumption			
Fuel tank capacity	gallon (l)	28/105	28/105
Runtime before refueling @ 4kW load	hrs	50	150
Battery		45 Ah, 390 CCA	45 Ah, 390 CCA
Power Output			
Aux power MCCB	kW	2	1
Lights			
Floodlights		4 x Metal Halide	4 x LED
Wattage	W	4 x 1,000	4 x 350
Luminosity		0.5fc @ 7 acres (5.4lm/m <sup>2</sup> @ 28,328m <sup>2</sup> )	0.5fc @ 7 acres (5.4lm/m <sup>2</sup> @ 28,328m <sup>2</sup> )
Luminous flux	lumen	440,000 (4 x 110,000)	154,000 (4 x 38,500)
Manual mast			
Type		Vertical, 5 section with 2500 lb winch	Vertical, 5 section with 3500 lb winch
Rotation	degrees	360	360
Maximum height	ft (m)	25 (7.5)	25 (7.5)
Maximum speed wind	mph (kph)	51 (80)	51 (80)
Construction			
Trailer		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 weight			
Dimensions in transport (LxWxH)	inches (m)	66x43x98 (1.67x1.10x2.50)	66x43x98 (1.67x1.10x2.50)
Dimensions in operation (LxWxH)	inches (m)	114x91x296 (2.90x2.31x7.54)	114x91x296 (2.90x2.31x7.54)
Weight	lbs (kg)	1,527(694)	1,527(694)

## ADDITIONAL STANDARD FEATURES

- 4 LED lamps x350W / 4x1000 W metal halide
- 4 heavy duty stabilizers with level bubble
- Spring axle lower case and tow hitch conforms to DOT 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
  - 120 VAC GFCI Duplex outlet
- 28 gallon / 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
- Colors available

## 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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