

Atlas Copco



# HiLighting the future

The HiLight range of light towers

# HiLight V5+ 2 cylinder

## Spread brighter light

The new HiLight V5+ with 2 cylinder engine and new design LED lamps increases stability and robustness for use in harsher and more rugged environment.

We have really put our innovation stamp on LED technology. The lenses in our LED light towers have a very special optic designed for construction, mining and other application. This innovative, fully directional, LED lens design means we maximize the light coverage and reduce "lighting waste". At Atlas Copco we have a strong commitment with the innovation and the environment, and therefore we have developed new technologies that provide bright and efficient light with 40% lesser emissions, lowest fuel consumption and even low noise level.

## Digital controller for operations

- Front: IP51 and rear: IP20
- Operating temperature: 20°C to 70°C



## New innovative LED lamps so we can light up the way

- Compact and lighter LED set up increases light tower stability and robustness
- Modular COB type LED floodlights with unique directional optics
- New generation floodlight that increases expected lifetime by 40% (Approx lifetime: 50000 hours)
- IP67 rating for LED lights for better protection
- High CRI score = close to natural light effect

FUEL CONSUMPTION

0.8 l/h



SERVICE INTERVAL (HRS)

500



LIFE SPAN

50.000 Hrs



LIGHT COVERAGE

5.000 m<sup>2</sup>  
AVG. 20 LUXES



ADDITIONAL FEATURES

HardHat



IP PROTECTION

Heavy duty lights with IP 67 protection



COLOR RENDERING INDEX

> 85 OUT OF 100



UP TO

40% LESS

FULE AND CO<sub>2</sub> EMISSIONS



LOW SERVICE COST



EASY SERVICEABILITY AND ACCESS



HIGH EFFICIENCY



TRANSPORT EFFICIENCY

16 ut



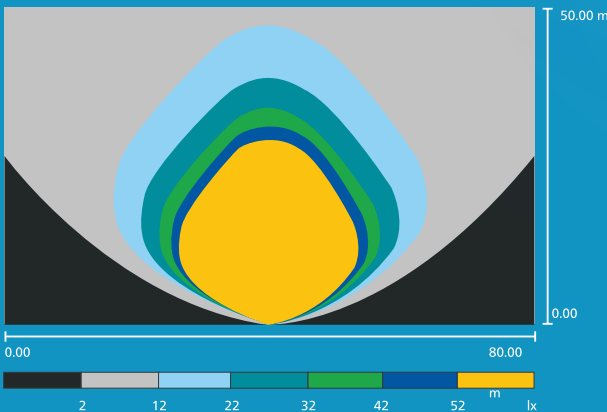
## Engine: Kohler/ Lombardini

- Two cylinder
- Water cooled
- Rated speed: 1500 rpm



New

## Even light distribution




# HiLight V5+Single Cylinder

## Making sites brighter and safer

The HiLight V5+ are the light towers that construction sites, outdoor events and industries around the world have been asking for. These light towers offer the ultimate in fuel economy and reliability.


The HiLight V5+ include a HardHat® canopy as standard, which ensures maximum protection of internal parts. This range of light towers is perfect for multiple drop applications and providing users a robust and easy-to-transport set of lighting options that match any site requirements. The extended safety features also guarantee the protection during transportation.




**FUEL CONSUMPTION**  
 **0.9** l/h


**SERVICE INTERVAL (HRS)**  
**250** 

**LIFE SPAN**   
**30,000** Hrs

**QUIET OPERATION**  
**75** dB(A) 

**LIGHT COVERAGE**  
**5.000** m<sup>2</sup>  
AVG. 20 LUXES 

**ADDITIONAL FEATURES**   
**HardHat®**

**COLOR RENDERING INDEX**  
**> 85**   
OUT OF 100

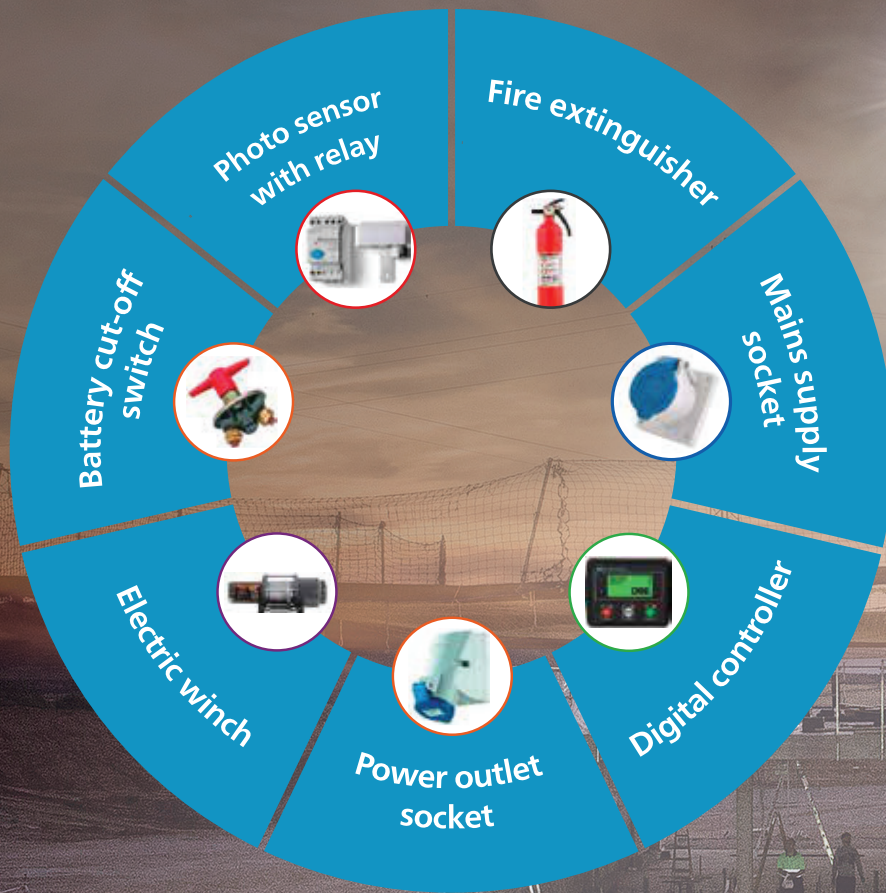
**IP PROTECTION**  
Heavy duty lights with IP 67 protection 

**LOW SERVICE COST** 

**EASY SERVICEABILITY AND ACCESS** 

**HIGH EFFICIENCY** 

# 1 light tower... 7 components... 21 optional combinations...

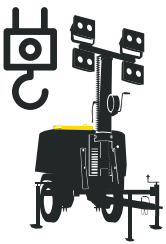


# Choose the one that best fits your needs

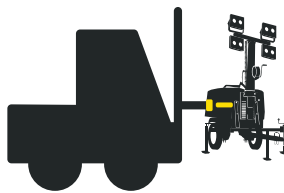
	Segments	Energy Efficiency	Running hours	Area coverage	Easy movement	Lamps durability	Service interval	Transport efficiency
HiLight V5+ 2 cyl	MINING & QUARRY    CONSTRUCTION	●	○	●	●	●	●	○
HiLight V5+	CONSTRUCTION    QUARRY    EVENTS	●	○	●	●	●	●	○

● Best choice ○ Suitable

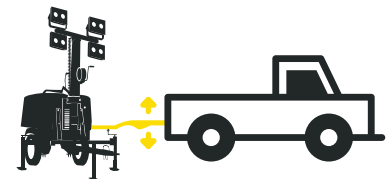
## Additional standard features



Integrated lifting point



Forklift slots



Straight/ Foldable/ Adjustable towbar

## What's unique about our LED technology?

**FUEL EFFICIENCY**

**LONGER LIFESPAN**

**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 specially designed directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers achieve upto 5000m<sup>2</sup> 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 savings per year (per unit, compared to a metal halide light tower)





**1.500** Liters ➔ **-60%**

**4.800** Kilos ➔ **-60%**

**23** Trees ➔ **-60%**

**3** Bulbs ➔ **-100%**

(\* Savings will vary depending on comparison models.

		HiLight V5+	HiLight V5+2 cylinder
Light coverage m <sup>2</sup>		5000 (average 20 luxes)	
Lamps		LED	
Mast		Vertical manual	
Extra features		HardHat® canopy	
<b>Performance data</b>			
Rated frequency	Hz	50	
Rated voltage	VAC	230	
Rated power (PRP)	kW	5	
Operating temperature (min/max)	°C	0/50	-10 / 50
Sound power level (LwA)	dB(A)	86	NA
Sound pressure level (LpA) at 7m	dB(A)	<70 at 1 mtr	NA
<b>Engine</b>			
Model		Kohler / Lombardini	Kohler / Lombardini
Speed	rpm	3000	1500
Rated net output (PRP)	kW	6.1	5.1
Coolant		Air Cooled	Water Cooled
Number of cylinders		1	2
Emission Norms		CPCB II	Stage V
<b>Alternator</b>			
Make		Sincro	Meccalte
Rated output	kVA	5	
Insulation / Enclosure protection	class/IP	H / 21	
<b>Energy Consumption</b>			
Fuel tank capacity	l	80	76
Autonomy	h	88	95
<b>Power output</b>			
Auxiliary power	kW	10 AMPS only if Lamps are OFF	
<b>Lights</b>			
Floodlights			LED
Wattage	W	4 x 350	4 x 350
<b>Mast</b>			
Type		Manual vertical, 5 section	
Rotation	degrees	355	355
Maximum height	m	7.5	7.5
Maximum speed wind	km/h	85	
<b>Enclosure and trailer</b>			
Enclosure		Gull-wing HardHat® doors	
<b>Dimensions and weight</b>			
Dimensions in transport Fix Towbar(L x W x H)	m	1.9 X 1.1 X 2.5	
Weight (Dry / WET)	kg	664 / 764	



HiLight V5+



HiLight V5+ 2 cylinder



HiLight V4+

# Product Portfolio

## Air Compressors

### Ready To Go

- 160-412 cfm
- 7-8.5 bar



### Versatility

- 450-650 cfm
- 7-14 bar



### Productivity Partner

- 1000-1350 cfm
- 19-35 bar



Diesel and electric options available.

## Light Towers

### LED



### Metal Halide



### Electric



## Generators

### Portable Mobile Industrial



## Dewatering Pumps

### Diesel Driven Canopy



### Electric Submersible



### Diesel Driven Open Frame



Diesel and electric options available.

## Handheld Tools

### Pneumatic tools

- Breakers (2.5 – 40 kg)
- Rockdrills (5 – 25 kg)
- Underground Rockdrills
- Additional Air Tools



### Hydraulic tools

- Breakers (11 – 40 kg)
- Additional Hydraulic Tools
- Powerpacks



### Petrol engine driven tools

- Breakers & Tampers (25 kg)
- Rockdrills (23 Kg)



Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.

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