

# YOUR SITE. YOUR LIGHT.

The HiLight range of light  
towers



# ***We have the light tower to suit any needs***

The HiLight range of light towers were designed to offer the widest choice when it comes to finding the light tower that is right for your application. We provide multiple range of industries with a flexible and dynamic set of lighting options, while addressing all aspects of efficiency and safety. 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 construction and mining applications.

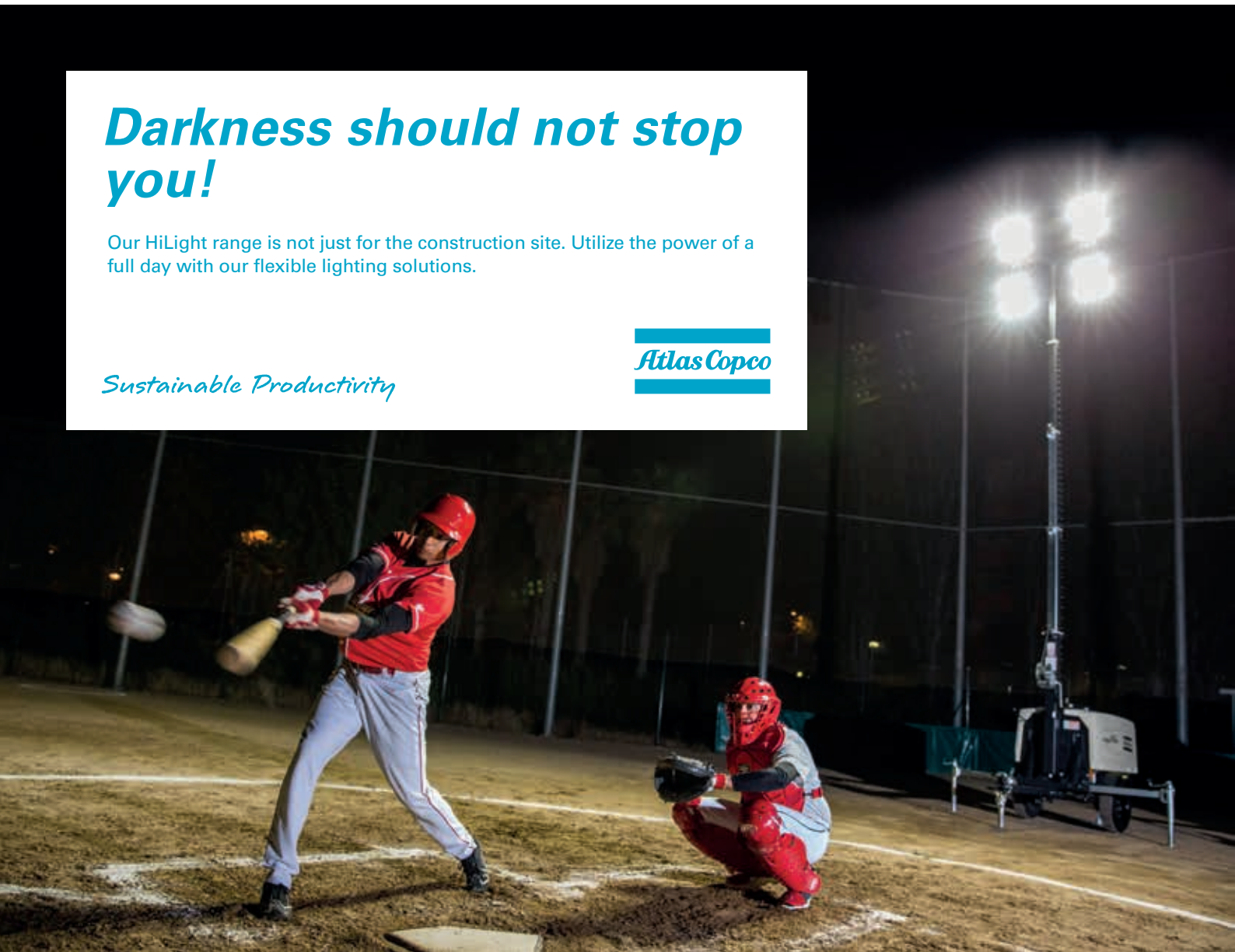
This innovative, fully directional, LED lens design means we maximize the light coverage and reduce "lighting waste".

## ***Darkness should not stop you!***

Our HiLight range is not just for the construction site. Utilize the power of a full day with our flexible lighting solutions.

*Sustainable Productivity*

*Atlas Copco*



# *LED there be light*

The HiLight V4 and V5+ models feature the legendary HardHat® canopy and provide efficiency and great value to our users and rental partners.

*Atlas Copco*



# HiLight V4W

The HiLight V4W offers the best performance at high altitudes and in the most extreme environments; thanks to its 8kW engine.

In addition, the extended fuel tank and the low consumption, allow longer run times between refueling. The HardHat® canopy ensures maximum protection of internal parts.



## EXTENDED FUEL TANK

42.3 GAL 

## RUNTIME

 90 HOURS

## OPERATION

 IN EXTREME ENVIRONMENTS

## EXTRA SAFETY FEATURES

Manual vertical mast 

## LAMP DURABILITY / LIFE EXPECTANCY

Metal Halide **6,000 Hrs** 

## FUEL CONSUMPTION

 0.45 g/h

## ADDITIONAL FEATURES

HardHat®   
Spillage free frame 

# HiLight V4

# HiLight V5+

The HiLight V4 and V5+ light towers are perfect for multiple applications. For the ultimate in fuel economy and reliability, the LED HiLight V5+ is our premium offering. Its LED lighting technology provides a wide range of benefits and represents outstanding lifetime value for our customers. The second model, the HiLight V4 is the leading solution within the 4000W metal halide light tower segment. Both models offer assured robustness and extended safety features.



**MH**  
4 x 1000 W





**LED**  
4 x 350 W


**LAMP DURABILITY / LIFE EXPECTANCY**

Metal Halide  
**6,000**  
Hrs 


**EXTRA SAFETY FEATURES**

Manual vertical mast  



**LAMP DURABILITY / LIFE EXPECTANCY**

LED  
**30,000**  
Hrs 


**FUEL CONSUMPTION**

 **0.56** g/h


**ADDITIONAL FEATURES**

HardHat®    
Spillage free frame

**FUEL CONSUMPTION**

 **0.185** g/h

**LED**

**>25% LIGHT COVERAGE** 

# *Plug. Light. Work.*

The HiLight E3+ is ideal for events, general metropolitan construction, road construction and temporary public lighting.

*Atlas Copco*



# HiLight E3+

This electric plug & light solution provides a flexible lighting option for a wide range of applications. It allows users to easily plug into any power source including auxiliary power, electrical generator or directly into the grid.

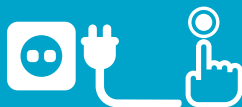


## ENVIRONMENTALLY FRIENDLY

No liquids and no emissions



## PLUG & LIGHT



## EXTRA SAFETY FEATURES

Manual vertical mast



## LAMP DURABILITY / LIFE EXPECTANCY

LED 30,000 Hrs



# HiLight V2+

# HiLight V3+

The HiLight V2+ and V3+ come with a robust steel frame with PE bumpers. These bumpers are designed to the same standards as the HardHat® Canopy.



**EASY TO TRANSPORT**

**PLUG & LIGHT**

**COMPACT FOOTPRINT**

**LAMP DURABILITY / LIFE EXPECTANCY**

**LED 30,000 Hrs**



# HiLight P2+

A new plug & light concept. The HiLight P2+ is the perfect solution for any event – anywhere in the world!

Supplied with a special lighting optic, covered by an integrated polyethylene housing with built-in cooling, you can be assured of no burn out and a longer lifetime. In addition, great performance comes from the unique floodlight that spreads light 360 degrees, giving users a larger illuminated area compared to traditional balloon style towers.



**PLUG & LIGHT**

**NO AIR PRESSURE NEEDED**

**ENVIRONMENTALLY FRIENDLY**

No liquids and add no emissions

**CERTIFIED WIND STABILITY**

50 km/h

**ANTIBURNT FLOODLIGHT**

## No access to the grid?

Suggested power sources; iP and P generators

P2000 i	P3500 i	P3000	P6500	P8000
1,6 kW	3 kW	2,3 kW	5 kW	6 kW

Variable speed smart control

Automatic Voltage Regulation (AVR)

	HiLight P2+	LED 320W	5	9	7	15	18
	HiLight V2+	LED 320W	1	1	1	1	1
	HiLight V3+	LED 4x120W	1	1	1	1	1
	HiLight E3+	LED 4x160W	2	4	3	7	9

- Perfect fit
- Good choice

# Choose the one that best fits your needs

	Segments		Fuel efficiency	Running hours	Area coverage	Easy movement	Extra safety features	Lamps durability	Service interval	Transport efficiency
HiLight V5+	CONSTRUCTION	QUARRY	●	○	●	●	○	●	●	○
HiLight V4	CONSTRUCTION	QUARRY	○	○	●	●	○	○	●	○
HiLight V4W	CONSTRUCTION	QUARRY	●	●	●	●	○	○	●	○
HiLight E3+	EVENTS	ROAD WORKS	●	○	○	●	○	●	●	●
HiLight P2+	EVENTS		●	○	○	●	○	●	●	●
HiLight V2+/V3+	CONSTRUCTION	ROAD WORKS	●	○	○	●	○	●	●	●

● Best choice ○ Suitable

## What's unique about our LED technology?

**LED HILIGHT TOWERS FUEL EFFICIENCY**

TECHNOLOGY HELPS US SET THE INDUSTRY BENCHMARK

**LED LAMPS LIFE EXPECTANCY**

MORE THAN **30,000** Hrs

**HIGH CRI (COLOR RENDERING INDEX)**

SCORE **> 85** OUT OF 100

CLOSE TO NATURAL LIGHT

**SPECIALLY DESIGNED DIRECTIONAL OPTICS**

INCREDIBLE LIGHT DISTRIBUTION

NO LIGHT IS WASTED

**LED LAMPS ALUMINUM CASTING**

PROVIDES HEAVY DUTY PROTECTION

EVEN DURING TRANSPORTATION

- 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 up to 5,000 square-metres of light coverage with an average level of 20 luxes.
- LED lamps have a life expectancy of more than 30,000 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)



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

	HiLight V5+	HiLight V4	HiLight V4W	HiLight E3+	HiLight P2+	HiLight V2+   V3+
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Light coverage ft <sup>2</sup>		53,819 (average 20 luxes)	43,055 (average 20 luxes)	43,055 (average 20 luxes)	32,292 (average 10 luxes)	51,528 (average 10 luxes)	32,292 (average 10 luxes)
Lamps		LED	Metal halide	Metal halide	LED	LED	LED
Mast		Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual	Vertical manual
Features		HardHat® canopy	HardHat® canopy	HardHat® canopy	Electric	Electric	Electric

Performance data							
Rated frequency	Hz	60	60	60	60	60	60
Rated voltage	VAC	120	120	120	120	120	120
Rated power (PRP)	kW	2.7	6.8	8	-	-	-
Operating temperature (min/max)	°F (°C)	-13 / 122 (-25 / 50)	-13 / 120 (-25 / 49)	-13 / 122 (-25 / 50)	-	-	-
Sound power level (LwA)	dB(A)	86	94	89	-	-	-
Sound pressure level (LpA) at 7m	dB(A)	63	73	73	-	-	-
Engine							
Model		Kubota Z482	Kubota Z482	Kubota D1105	-	-	-
Speed	rpm	1800	3600	1800	-	-	-
Rated net output (PRP)	kW	3	8.1	9.5	-	-	-
Coolant		Water	Water	Water	-	-	-
Number of cylinders		2	2	3	-	-	-
Alternator							
Model		Meccalte LT3/75	Sincro EK 2 MCT	DP06/AG164	-	-	-
Rated output	kVA	4.5	7.5	8	-	-	-
Insulation / Enclosure protection	class / IP	H / 21	H / 23	H / 23	-	-	-
Fuel consumption							
Fuel tank capacity	gallon (l)	28 (105)	28 (105)	42 (160)	-	-	-
Fuel tank capacity Fuel autonomy	h	150	50	90	-	-	-
Power output							
Auxiliary Power	kW	1	2	2.3	-	-	-
Lights							
Floodlights		LED	Metal halide	Metal halide	LED	LED	LED
Wattage	W	4 x 350	4 x 1000	4 x 1000	4 x 160	320W	4 x 160
Mast							
Type		Manual vertical, 5 section	Manual vertical, 5 section	Manual vertical, 5 section	Manual	Manual	Manual
Rotation	degrees	360	360	360	0	0	9
Maximum height	ft (m)	25 (7.5)	25 (7.5)	25 (7.5)	23 (7)	18 (5.5)	18 (5.5)
Maximum speed wind	mph (kph)	51 (80)	51 (80)	51 (80)	51 (80)	32	51 (80)
Enclosure and trailer							
Type		DOT US Compliant Unibody trailer with 4 point leveling system. For EU homologated check availability	-	Unibody trailer with 4 point leveling system. For EU homologated check availability	-	-	Heavy Duty Trailer with bumpers in PE
Base Frame		Spillage free frame	Spillage free frame	Spillage free frame	-	-	-
Enclosure		Gull-wing Red Rock doors	Gull-wing Red Rock doors	Gull-wing HardHat® doors	-	-	-
Dimensions and weight							
Dimensions in transport Fix Towbar (L x W x H)	inches (m)	66 x 43 x 98 (1.67 x 1.10 x 2.50)	66 x 43 x 98 (1.67 x 1.10 x 2.50)	71 x 54 x 117 (1.8 x 1.35 x 2.97)	48 x 32 x 84 (1.2 x 0.8 x 2.14)	19.7 x 19.7 x 87 (0.5 x 0.5 x 2.2)	44 x 335 x 79 (1.1 x 0.85 x 2)
Weight	Lb (kg)	1,548 (702)	1,530 (694)	1,821 (826)	551 (250)	99 (45)	243 (110)

# Portable energy solutions portfolio

## AIR COMPRESSORS

### READY TO GO

- 110-185 cfm
- 58-125 psi



### VERSATILITY

- 400-850 cfm
- 58-200 psi



### PRODUCTIVITY PARTNER

- 950-18,000 cfm
- 100-508 psi



Diesel and electric options available.

## GENERATORS

### PORTABLE

- 1.6-13.9 kVA



### MOBILE

- 25-1200\* kVA



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

## DEWATERING PUMPS

### ELECTRIC SUBMERSIBLE

- up to 4,340 g/min



### CENTRIFUGAL DIESEL DRIVEN

- up to 3,655 g/min



## LIGHT TOWERS

### METAL HALIDE



### LED



Portfolio and options available can change depending on the market.

## Committed to sustainable productivity

Atlas Copco's Portable Energy division has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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