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”. A single HiLight tower can cover an area of up to 6,000 m² with a 20 lux (brightness) average – ensuring a brighter, safer and more productive site.

On top of that, 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 zero emissions, zero fuel consumption and even zero noise. Just take a look.

Building a brighter future with solar energy

HiLight S2+ uses solar radiation as an energy source, providing silent and cleaner operations in construction projects, mining, oil and gas, and event sites.
HiLight S2+
Solar-powered light tower

The new user-friendly solar-powered LED light tower, HiLight S2+, delivers efficient, high performance, giving workers good visibility, while allowing sites to increase their sustainability and comply with zero CO2 emission and noise regulations.

The HiLight S2+ delivers 2,000 m² light coverage and can be easily manoeuvred into place and solar panels set up; they are simply pulled out from the canopy and can be adjusted to best align with the sun’s position.

The HiLight S2+ features an external control panel, and dimming function to increase autonomy efficiency.

The new solar light tower provides autonomous operation. In cases where energy demand is higher than solar yield, the light tower can also be charged with any external power grid. Batteries can be recharged with solar energy in 8 hours or an external power source in just 3 hours.

This light tower offers a robust alternative for end users and rental companies operating in construction projects, mining, oil and gas and event sites. Since the tower works at temperatures from -5°C to +50°C and can operate reliably at high altitude without derating, it is also ideal for remote work sites.

(*) compare to diesel light towers
HiLight Z3+
The battery light tower

Offering run times of up to 32 hours, an extended lifespan, minimal maintenance and low operational costs, the compact HiLight Z3+ is powered by a lithium-ion battery and provides enhanced illumination for metropolitan construction sites, outdoor events and industrial areas. Zero noise during operation and the absence of engine emissions ensure full environmental compliance in urban locations.

The HiLight Z3+ features a high luminosity lamp assembly comprised of 4 x 160 W dimmable LEDs, with a life expectancy of 50,000 hours. Combined with specially designed directional glass optics, the floodlights provide optimal 20 lux light distribution over a 3000 m² illumination area. The LED lighting units are supported by a hydraulically elevated, 5-element vertical mast, certified wind-stable up to 80 km/h, with a maximum operating height of 8 m.
HiLight B5+
The smart light tower

The ultra-quiet LED light tower HiLight B5+ has been designed to be seen and not heard while ensuring maximum safety at the site.

Delivering operating noise levels as low as 55 dBA, the renewed version of the HiLight B5+ light tower is ideally suited to provide illumination at events, temporary public lighting or enhanced visibility at construction sites located near residential areas.

The HiLight B5+ can be equipped with a new innovation called the SmartMast™(*), which automatically lowers itself when safety or stability is compromised. The proprietary vertical mast technology from Atlas Copco features in-built sensors that detect when safety or stability of the light tower is compromised due to critical environmental or sites conditions, and alerts end users to potential obstacles and impacts. It also provides stability assistance when installing a light tower, for instance by flagging up irregular surfaces and floors, to ensure safe siting.

(*) Check availability
HiLight H6+
More than meets the eye

This new light tower offers low operational costs and reduced noise levels while increasing illumination coverage. It is ideal to use in tough environments, such as applications in construction, mining, and rental companies.

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

It features a new generation of LED floodlights that are more efficient and provide optimal light distribution up to 6,000 m² illumination area with a life expectancy of 50,000 hours. To offer the right luminosity at each moment and increased autonomy, the new 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+ comes with three different ways of transporting; the 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

*with dimming function
The HiLight V4+ and 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 rental applications and providing users a robust and easy-to-transport set of lighting options that match any site requirements. Thanks to its compact dimensions, 16 units can be loaded on a 13-metre truck. The extended safety features also guarantee the protection of bulbs during transportation.

(*) Available in 50 and 60Hz Tier4 final. Trailer comply with DOT US regulations. For EU Trailer please contact Atlas Copco representative.
HiLight V4 and V4W

The HiLight V4 offers increased serviceability with wide wing doors and all components easily accessible. Environmental considerations have also been taken into account, with a frame design that prevents oil, fluids and fuel from leaking out and contaminating the ground.

The HiLight V4W offers the best performance at high altitudes and in the most extreme environments - thanks to its 8kW engine. In addition, the larger fuel tank and low fuel consumption allow longer run times between refueling. The HardHat® canopy ensures maximum protection of internal parts.
HiLight E3+
Electric light tower with HardHat®

The renew HiLight E3+, will operate reliably throughout the most demanding conditions found at construction sites, outdoor events and temporary public lighting installations. Its internal electronics, control panel and connectors are protected from the elements by the company’s innovative HardHat® canopy, while the complete assembly, which includes a heavy-duty 7 metre mast, has a certified wind stability of 100 km/h. **Easy to plug into any power source including auxiliary power, electrical generator or directly into the grid.**

With no mechanical parts to maintain, and no liquids or emissions, the light tower is environmentally friendly and virtually maintenance-free.
HiLight V2+

These electric plug & light solutions provide flexible lighting options for a wide range of applications. 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.

HiLight V3+

(*) CE models, please consult
HiLight P2+

Supplied with a special lighting optic, covered by an integrated polyethylene housing, 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.

No access to the grid?
Suggested power sources; iP and P generators

<table>
<thead>
<tr>
<th>Power Source</th>
<th>P2000</th>
<th>P3500</th>
<th>P3000</th>
<th>P6500</th>
<th>P8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>kW</td>
<td>1.6</td>
<td>3</td>
<td>2.3</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

P2000: 1.6 kW
P3500: 3 kW
P3000: 2.3 kW
P6500: 5 kW
P8000: 6 kW

HiLight P2+
LED 320W: 1 4 9 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

Variable speed smart control
Automatic Voltage Regulation (AVR)
Choose the one that best fits your needs

<table>
<thead>
<tr>
<th>Segments</th>
<th>Energy Efficiency</th>
<th>Running hours</th>
<th>Area coverage</th>
<th>Easy movement</th>
<th>Lamps durability</th>
<th>Service interval</th>
<th>Transport efficiency</th>
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</thead>
<tbody>
<tr>
<td>HiLight Z3+</td>
<td>• EVENTS</td>
<td>• CONSTRUCTION</td>
<td>•</td>
<td>•</td>
<td>•</td>
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<tr>
<td>HiLight S2+</td>
<td>• CONSTRUCTION</td>
<td>• QUARRY</td>
<td>• EVENTS</td>
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<tr>
<td>HiLight H6+</td>
<td>• CONSTRUCTION</td>
<td>• QUARRY</td>
<td>• EVENTS</td>
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<tr>
<td>HiLight B5+</td>
<td>• ROAD WORKS</td>
<td>• EVENTS</td>
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<tr>
<td>HiLight V4+</td>
<td>• CONSTRUCTION</td>
<td>• QUARRY</td>
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<tr>
<td>HiLight V5+</td>
<td>• CONSTRUCTION</td>
<td>• QUARRY</td>
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<tr>
<td>HiLight V4</td>
<td>• CONSTRUCTION</td>
<td>• QUARRY</td>
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<td>HiLight E3+</td>
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<tr>
<td>HiLight V2+/V3+</td>
<td>• CONSTRUCTION</td>
<td>• ROAD WORKS</td>
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<td>HiLight V4W</td>
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<td>• QUARRY</td>
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</tbody>
</table>

(*) Savings will vary depending on comparison models.

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 specially designed directional optics of the LED HiLight range offer incredible light distribution.
- Our LED HiLight towers achieve 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 savings per year (per unit, compared to a metal halide light tower)

1.500 Liters -60°
4.800 Kgs -60°
23 Trees -60°
3 Bulbs -100°
<table>
<thead>
<tr>
<th>Light coverage m²</th>
<th>Lamps</th>
<th>Mast</th>
<th>Extra features</th>
<th>Performance data</th>
<th>Energy Source</th>
<th>Alternator</th>
<th>Energy Consumption</th>
<th>Power output</th>
<th>Lights</th>
<th>Mast</th>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>3000 (average 10 luxes)</td>
<td>LED</td>
<td>Hydraulic</td>
<td>Hydraulic Noise and C02 free</td>
<td>Rated frequency Hz - 50</td>
<td>Batteries</td>
<td>-</td>
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<tr>
<td>2000 (average 10 luxes)</td>
<td>LED</td>
<td>Vertical</td>
<td>Vertical manual</td>
<td>Rated voltage VAC - 230</td>
<td>Diesel</td>
<td>-</td>
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<tr>
<td>6000 (average 20 luxes)</td>
<td>LED</td>
<td>Vertical hydraulic</td>
<td>HardHat® body</td>
<td>Rated power (PRP) kW - 2,7</td>
<td>Diesel</td>
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<tr>
<td>LED</td>
<td>Vertical hydraulic</td>
<td>LED</td>
<td>3400 (average 20 luxes)</td>
<td>Sound pressure level LpA (dB(A)) - 55</td>
<td>Electric</td>
<td>-</td>
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<tr>
<td>4000 (average 20 luxes)</td>
<td>LED</td>
<td>Vertical hydraulic</td>
<td>LED</td>
<td>Operating temperature (min/max) °C -20/50</td>
<td>Electric</td>
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<tr>
<td>5000 (average 20 luxes)</td>
<td>LED</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Sound power level LuA (dB(A)) - 82</td>
<td>Solar</td>
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<tr>
<td>4000 (average 20 luxes)</td>
<td>Metal</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Rotation degrees 340</td>
<td>Hydromat</td>
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<tr>
<td>4000 (average 20 luxes)</td>
<td>Metal</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Covered Spillage free</td>
<td>Hydromate</td>
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<tr>
<td>4000 (average 20 luxes)</td>
<td>Metal</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Dimensions and weight</td>
<td>Hydromate</td>
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<td>3000 (average 12 luxes)</td>
<td>LED</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Material Spillage free frame</td>
<td>Hydromate</td>
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<tr>
<td>2000 (average 10 luxes)</td>
<td>LED</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Wall Spillage free frame</td>
<td>Hydromate</td>
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<tr>
<td>2000 (average 10 luxes)</td>
<td>LED</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Height Spillage free frame</td>
<td>Hydromate</td>
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<tr>
<td>2500 (average 10 luxes)</td>
<td>LED</td>
<td>Vertical</td>
<td>HardHat® body</td>
<td>Weight Spillage free frame</td>
<td>Hydromate</td>
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<td>(*) CE models, please consult</td>
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<td><a href="http://www.atlascopco.com/light-towers">www.atlascopco.com/light-towers</a></td>
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Product portfolio

**GENERATORS**
- **PORTABLE** 1,6–12 kVA
- **MOBILE** 9–1250* kVA
- **INDUSTRIAL** 10–1420* kVA
- **LARGE POWER** 800–1450 kVA

*Multiple configurations available to produce power for any size application

**DEWATERING PUMPS**
- **ELECTRIC SUBMERSIBLE** 250–16,200 l/min
- **SURFACE PUMPS** 833–23,300 l/min

**ENERGY STORAGE SYSTEMS**
- **ZENERGIZE** 45-1000 kVA

**LIGHT TOWERS**
- **DIESEL**
- **BATTERY**
- **ELECTRIC**

**AIR COMPRESSORS AND HANDHELD TOOLS**
- **AIR COMPRESSORS** 1–116 m³/min 7–345 bar
- **HANDHELD TOOLS** Pneumatic Hydraulic Petrol engine driven

**ONLINE SOLUTIONS**
- **SHOP ONLINE PARTS ONLINE** Change parts online to spare parts for power equipment. We handle your orders 24 hours a day.
- **POWER CONNECT** Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine.
- **LIGHT THE POWER YOUR SIZING TOOL** A useful calculator to help you choose the best solution for your power and light needs
- **FLEETLINK** Intelligent telematics system that helps optimize fleet usage and reduce maintenance, ultimately saving time and cutting operating costs.

Atlas Copco Power Technique
www.atlascopco.com/ptba