

## TECHNICAL DATA

| Performance data                  |       | QLT H50 |
|-----------------------------------|-------|---------|
| Rated frequency                   | Hz    | 50      |
| Rated voltage                     | V     | 230     |
| Rated power (PRP)                 | kW    | 6       |
| Operating temperature (min./max.) | °C    | -5 / 50 |
| Maximum sound power level (Lw)    | dB(A) | 90      |
| Sound pressure level @ 7m (LPA)   | dB(A) | 65      |

| Engine - Kubota        |     |        |
|------------------------|-----|--------|
| Model                  |     | D 1105 |
| Speed                  | rpm | 1500   |
| Rated net output (PRP) | kW  | 7.5    |
| Coolant                |     | water  |
| Number of cylinders    |     | 3      |

| Alternator - Mecalte                               |            |          |
|--|------------|----------|
| Model  |            | LT 3 160 |
| Rated output                                       | kVA        | 8        |
| Insulation (stator & rotor) / Enclosure protection | Class / IP | H / 21   |

| Consumption                |     |     |
|----------------------------|-----|-----|
| Fuel tank capacity         | l   | 110 |
| Fuel consumption, lamps on | l/h | 1.7 |
| Fuel autonomy, lamps on    | h   | 60  |
| Fuel autonomy, full load   | h   | 55  |

| Power output           |   |      |
|------------------------|---|------|
| Aux Power MCCB 10 Amps | W | 2200 |

| Lights           |       |                      |
|------------------|-------|----------------------|
| 4 x metal halide | W     | 4 x 1000             |
| Luminous flux    | Lumen | 360,000 (4 x 90,000) |

| Hydraulic mast     |         |     |
|--------------------|---------|-----|
| Rotation           | Degrees | 340 |
| Maximum height     | m       | 9   |
| Maximum speed wind | Km/h    | 80  |

| Dimensions   |         | Off-Road Trailer<br>(no brakes,<br>no suspension) | On-Road<br>Homologated Trailer<br>(fixed towbar) | On-Road<br>Homologated Trailer<br>(adjustable towbar) |
|--------------|---------|---|--|---|
| L x W x H    | m (ft)  | 3.10 x 1.30 x 2.24<br>(10.15 x 4.27 x 7.35)       | 2.70 x 1.30 x 2.31<br>(8.86 x 4.27 x 7.58)       | 3.20 x 1.30 x 2.31<br>(10.15 x 4.27 x 7.58)           |
| Weight (max) | kg (lb) | 1,170 (2,579)                                     | 1,195 (2,635)                                    | 1,235 (2,723)   |



## 5 KEY BENEFITS

- Unique controller / reliability
- Heavy duty light
- Service efficiency
- Transport efficiency
- Resale value / long lifetime

## MAIN FEATURES

- 4 x 1000 W metal halide lamps
- Hydraulic mast
- Long autonomy with 110-liter fuel tank
- External fuel filling point
- Spillage free frame
- Oil draining system
- Superior serviceability
- Dedicated alternator for light tower
- Off-road non-homologated & on-road homologated trailer
- Emergency stop
- ELCB Type AC 30 mA, 4 lamp switch, 1 main MCCB
- Working mode selector
- Outlet socket

## ELECTRICAL OPTIONS

- External power input 230 VAC
- Photocell and remote start
- Earthing metal bar

## GENUINE ATLAS COPCO PARTS

- Genuine Atlas Copco parts ensure the QLT H50's proper operation and long lifetime:
- Service kits
  - Fluids
  - Individual engine, alternator and mast parts

Check with your local Atlas Copco Service Provider for more information on Genuine Atlas Copco parts and on standard and extended warranty conditions.

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# QLT H50

A compact, user-friendly and reliable 4 x 1000W HID light tower for safety in heavy-duty applications.



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# QLT H50

## COMPACT AND POWERFUL

**Need light?** The Atlas Copco QLT H50 packs an impressive amount of bright light in a compact frame. Easy to transport and move around on job sites, the QLT H50 is your flexible companion for dark conditions. It combines the robustness and reliability you need with innovative features for additional safety and ease of use.

|                    |  |
|--------------------|--|
| Performance        |  |
| Service efficiency |  |
| Resale value       |  |
| Safety             |  |
| Ease of use        |  |

## EASY OPERATION

### USER-FRIENDLY CONTROLS

You can do more with the QLT H50 than turning it on and off. You can manage your lighting. Its easy-to-use **Lc 1003 controller** comes with a weekly timer to schedule up to eight lighting events. Key features include a start up sequence that avoids overloading the alternator, parameter display (AMPs, voltage, frequency, fuel levels, etc.), an event log, an emergency stop and an optional remote start.

### ALWAYS RELIABLE

The controller allows you to start the four lamps one by one to help avoid the risk of failure of the alternator excitation system. In addition, **Pulse & Pause Ballast** technology prevents filament damage and prolongs the lifetime of the lamp.

### SAFETY FIRST

By building the control panel outside the main cubicle, you can start the machine without any contact with the engine.



## EFFICIENT LIGHT

### OPTIMAL SOURCE OF LIGHT

The QLT H50 requires less power to produce more light. Its **metal halide lamps** are one of the most efficient ways of turning electrical energy into light currently available on the market. To make sure you don't lose valuable time, a 110-liter (25 gal.) fuel tank provides 60 hours of uninterrupted operation (with only the lamps on).

### STRAIGHTFORWARD INSTALLATION

It takes only seconds to extend the QLT H50's mast to its **maximum height of 9m** (29.5 ft) and to rotate it 340°. The **vertical mast** ensures stability in winds up to 80km/h. Four **stabilizers** offer safety and support. As a result, the QLT H50 received **safety yield factor 5** according to the most demanding EU standards.

### SIMPLIFIED MAINTENANCE

The QLT H50's **large service doors** provide quick access to components on both sides, including the alternator, hydraulic system, engine and electrical components. Drains for water and oil are also easy to reach. An external filling point ensures faster refueling.

### ROBUST CONSTRUCTION

The QLT H50 is tougher than the rest with its heavy-duty galvanized steel canopy, a powerful Kubota engine and a **dedicated alternator**. The polyester powder paint coating provided a resistance of 720 hours in salt spray tests.

### EASY TO MOVE

Different **trailer types**, including an off-road non-homologated and an on-road homologated trailer, are available to fit a wide range of applications.

## SAFE & QUICK INSTALLATION

## BUILT TOUGH

### ENVIRONMENTAL FRIENDLY

Spillage free frame.



# QLT M10

It's more than a light tower.  
It's Predictable Light.








*Atlas Copco*



# QLT M10

## BRIGHT AND DEPENDABLE LIGHT

Looking for reliability in portable lighting? The Atlas Copco QLT M10 delivers the light you need, no matter the conditions. With high luminosity and light coverage and powerful reliability, the QLT M10 helps you get your job done.

|                    |   |
|--------------------|---|
| Performance        |    |
| Service efficiency |    |
| Resale value       |    |
| Safety             |    |
| Ease of use        |  |

## SAFE AND QUICK INSTALLATION

### SIMPLE INSTALLATION

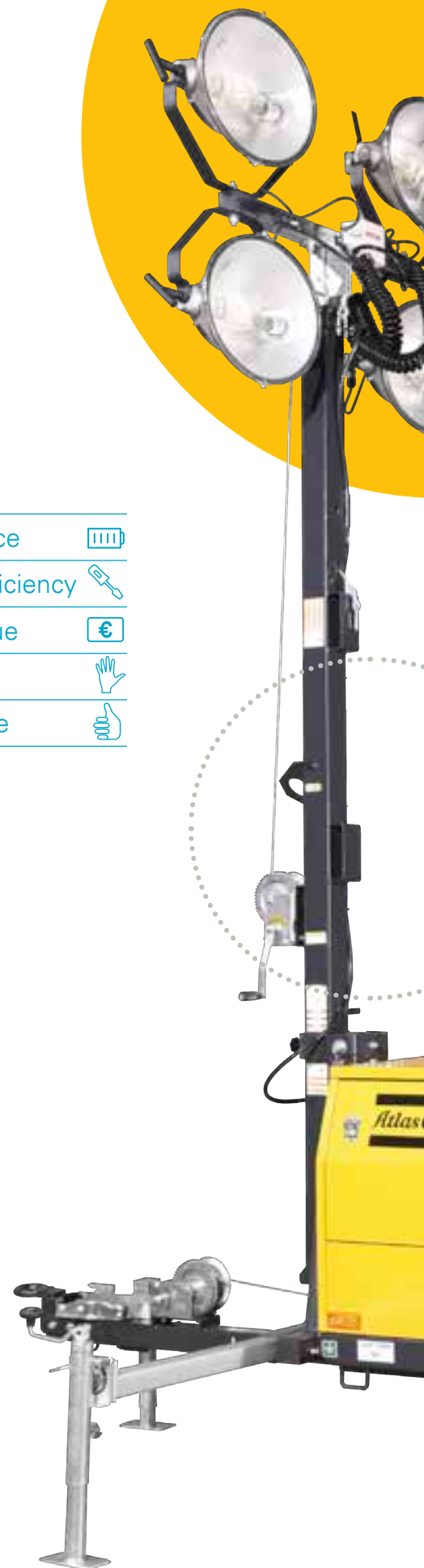
Quickly install the QLT M10 and get on with your work. The QLT M10's mast can be extended to its maximum height of 9m (29.5ft) in seconds and rotated 360° to find the **perfect lighting angle**. No need to constantly move the tower.

### STABLE IN ALL CONDITIONS

**Two outriggers and four leveling jacks** ensure the stability of the QLT M10, even on uneven worksites.

### COMPACT SIZE

The QLT M10 is extremely **light and maneuverable**. Up to 12 units can be transported on a flatbed truck.



UNIFORM  
LIGHT

## EASY OPERATION

### LONG REFUELING INTERVALS

The QLT M10's 118-liter fuel tank ensures **60-70 hours of run time** (depending on environmental conditions) before refueling. The translucent polyethylene tank provides an instant view of the fuel level, so there's no need for a separate gauge.

### EASE OF USE

The easy-to-use **control panel** features a running hour meter, sockets for powering external equipment and circuit breakers for on/off functionality and protection.

### COLD WEATHER STARTING

The fuel-efficient diesel engine includes a glow plug preheating system for cold weather starting.

## SUPREME RELIABILITY

### EFFICIENT, BRIGHT LIGHT

The **metal halide lamp technology** is one of the most efficient ways of turning electrical energy into light. It requires less power and produces more light, increasing productivity while saving time and money.

### STRAIGHTFORWARD MAINTENANCE

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

### ROBUST CONSTRUCTION

The QLT M10 is protected from the elements with a **lockable, weather-resistant steel canopy**. All components have been selected for durability and shock resistance.

### ENGINE PROTECTION

An **automatic engine shutdown system** protects the engine from damage due to low oil pressure and high coolant temperature.

EASY TO USE



BUILT  
TOUGH

**Atlas Copco**

## TECHNICAL DATA

| Performance data                  |       | QLT M10 |        |
|-----------------------------------|-------|---------|--------|
| Rated frequency                   | Hz    | 50      | 60     |
| Rated voltage                     | V     | 220     | 120    |
| Rated power (PRP)                 | kW    | 6       | 6      |
| Operating temperature (min./max.) | °C    | -10/50  | -10/50 |
| Sound pressure level @ 7m (LPA)   | dB(A) | 71      | 71     |

| Engine - Kubota        |     | D 1105               |      |
|------------------------|-----|----------------------|------|
| Model                  |     | D 1105               |      |
| Speed                  | rpm | 1500                 | 1800 |
| Rated net output (PRP) | kW  | 8.4                  | 10.1 |
| Coolant                |     | Liquid cooled diesel |      |
| Number of cylinders    |     | 3                    | 3    |

| Alternator - Mecc Alte                           |          | LT3-130/4 |  | LT3-100/4 |  |
|--|----------|-----------|--|-----------|--|
| Model  |          | LT3-130/4 |  | LT3-100/4 |  |
| Rated output                                     | kVA      | 6         |  | 6         |  |
| Insulation (stator & rotor)/enclosure protection | Class/IP | H/21      |  | H/21      |  |

| Consumption              |     | 118                                 |  | 118 |  |
|--------------------------|-----|-------------------------------------|--|-----|--|
| Fuel tank capacity       | l   | 118                                 |  | 118 |  |
| Fuel consumption         | l/h | 1.67 (l/h)/4kW                      |  |     |  |
| Runtime before refueling |     | 60 to 70 hours, approx. w/4 kW load |  |     |  |
| Battery                  |     | 65 Ah, 570 CCA                      |  |     |  |

| Power output   |   | 2200 |  | 2200 |  |
|----------------|---|------|--|------|--|
| Aux power MCCB | W | 2200 |  | 2200 |  |

| Lights        |       | Four metal halide   |  |  |  |
|---------------|-------|---|--|--|--|
| Lamps         |       | Four metal halide   |  |  |  |
| Wattage       | W     | 4 x 1000  |  |  |  |
| Luminosity    |       | 0.5 fc @ 7.5 acres (5.4 lm/m <sup>2</sup> @ 30,400 m <sup>2</sup> ) |  |  |  |
| Luminous flux | Lumen | 440,000 (4 x 110,000)   |  |  |  |

| Manual mast        |         | 360   |  | 360   |  |
|--------------------|---------|-------|--|-------|--|
| Rotation           | Degrees | 360   |  | 360   |  |
| Maximum height     | m       | 9.25  |  | 9.25  |  |
| Maximum speed wind | km/h    | 104.6 |  | 104.6 |  |

| Construction |  | MIG welded, unibody-style, four point leveling system |  |  |  |
|--------------|--|---|--|--|--|
| Trailer      |  | MIG welded, unibody-style, four point leveling system |  |  |  |
| Finish       |  | Oven-baked powder coated                              |  |  |  |
| Tow hitch    |  | 2 inch ball/pintle combo                              |  |  |  |
| Tires        |  | 155R13  |  |  |  |

| Dimensions and weight           |    | 4.39 x 1.23 x 1.73        |  |  |  |
|---------------------------------|----|---------------------------|--|--|--|
| Dimensions in transport (LxWxH) | m  | 4.39 x 1.23 x 1.73        |  |  |  |
| Dimensions in operation (LxWxH) | m  | 3.20 x 2.64 x 4.27 (9.25) |  |  |  |
| Weight                          | kg | 830                       |  |  |  |



QLT 10m / 200 Lx 20m / 400 Lx 30m / 90 Lx

## 5 KEY BENEFITS

- High luminosity
- Supreme reliability
- Service efficiency
- Transport/storage efficiency
- Resale value/long lifetime

## MAIN FEATURES

- Bright metal halide lamps
- Robust mast, frame and body
- Long autonomy fuel tank
- Accessible
- User-friendly controls

## ELECTRICAL OPTIONS

- Emergency stop
- Earth leakage protection

## GENUINE ATLAS COPCO PARTS

Genuine Atlas Copco parts ensure the QLT M10's proper operation and long lifetime:

- Service kits
- Fluids
- Individual engine, alternator and mast parts

Check with your local Atlas Copco Service Provider for more information on Genuine Atlas Copco parts and on standard and extended warranty conditions.

# QLTS 4-6-8

A complete range of solar light towers that offer zero-emission/zero-noise performance with reliable versatility.






*Atlas Copco*



# QLTS 4-6-8

## RELIABLE LIGHT, ENVIRONMENTALLY FRIENDLY

Zero emissions, zero noise and zero liquid spills. With the Atlas Copco QLTS light tower you get the best of both worlds: impressive performance and eco-friendliness. Flexible and low maintenance, the QLTS delivers bright LED light and the lowest total cost of ownership possible for a light tower.

|                    |  |
|--------------------|--|
| Performance        |   |
| Service efficiency |   |
| Resale value       |   |
| Safety             |   |
| Ease of use        |  |

### AGM BATTERIES

## LOWEST COST OF OWNERSHIP

### NO ENGINE, ALTERNATOR OR CONSUMABLES

The QLTS runs fully on solar power. This means it **doesn't require fuel, oil or coolant**. And without an engine or alternator to maintain, the unit is **virtually maintenance-free**. The result: you enjoy a zero-hassle light tower with the **lowest total cost of ownership**.







35,000  
HOUR  
LIFETIME

## EASY OPERATION

### CHARGE BY DAY, WORK BY NIGHT

Highly efficient tilt-able solar panels charge the QLTS during the day. That energy is subsequently stored in heavy-duty AGM batteries. With sufficient sunlight during the day, these batteries can provide light for many night shifts without requiring a charge.

### EXTERNAL CHARGE

For many applications, regions and seasons, no extra charging is needed. For winter and its shorter daylight hours, an **external charge connection** is provided with the QLTS.

### QUICK INSTALLATION

You can raise the QLTS' lightweight mast to its maximum height of 6.1 m (20 ft) and rotate it 359° in mere seconds. Stabilizers ensure safety and support. The mast can also be pinlocked for transport.

## SUPERIOR PERFORMANCE

### HIGHLY EFFICIENT LED LIGHTING

The QLTS' LED technology will win you over instantly. No warming up is required for the most **energy-efficient light source** currently available. The lamps offer extended performance with an average lifetime of 35,000 hours.

To reduce light pollution, an automatic photocell turns the unit on or off depending on light conditions. For optimal flexibility, the level of light can be manually tailored to the conditions by using individual lights, from one to eight.

## SUSTAINABLE LIGHT

### NO NOISE OR EMISSIONS

The QLTS produces zero noise, zero emissions, no exhaust gases or CO<sub>2</sub>. This makes it ideal for your noise-sensitive work sites and tenders with **strict environmental policies**. This includes event rentals, city/neighborhood construction and worksites in nature reserves, parks, and rural or hard to reach areas.

## RELIABILITY

### ROBUST CONSTRUCTION

You can count on the QLTS to perform in a range of applications thanks to its **high quality components**, robust construction and extensive testing.

### ON-SITE SECURITY

The photocell for automated on/off operation can be combined with a **motion sensor** for increased on-site security. For additional peace of mind, the QLTS includes an anti-theft box, thick steel plates and anti-theft screws on the solar panels and battery box.

## VERSATILITY

### THREE MODELS

To meet your exact needs, the Atlas Copco QLTS range offers three models: QLTS 4, QLTS 6 and QLTS 8, with 4, 6 or 8 LED lights.



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## TECHNICAL DATA

| Construction             |               | QLTS 4  | QLTS 6                                 | QLTS 8 |
|--------------------------|---------------|---|--|--------|
| Trailer                  |               | MIG welded, unibody-style, four point leveling system |  |        |
| Finish                   |               | Oven-baked powder coating                             |  |        |
| Tow hitch                |               | 2-inch ball/pintle combo                              |  |        |
| Tires                    |               | 15 inch   |  |        |
| Lights                   |               |   |  |        |
| LED lights               |               | 4   | 6                                      | 8      |
| LED lifetime             | hours         | > 35,000  |  |        |
| Wattage                  |               | 208   | 312                                    | 416    |
| Luminosity               | lumen         | 18,400  | 27,600                                 | 36,800 |
| Power                    |               |   |  |        |
| Output power             | W             | 500   | 750                                    |        |
| Batteries                |               | 4 x 4D AGM 12V  |  |        |
| Battery design           |               | > 400 deep discharge cycles                           |  |        |
| Run time on full charge* |               | 20 to 30 hours  |  |        |
| Power inverter           |               | 110 or 220V 60Hz or 220V 50Hz (back up power)         |  |        |
| Dimensions               |               |   |  |        |
| L x W x H                | m<br>(inches) | 3.73 x 2.02 x 2.75<br>(147 x 80 x 108)                | 5.08 x 2.02 x 3.34<br>(200 x 80 x 131) |        |
| Mast height              | m (ft)        | 6.1 (20)  | 6.1 (20)                               |        |
| Weight                   | kg (lbs)      | 703 (1,550)   | 862 (1,900)                            |        |

(\* ) Without additional solar charge



## 5 KEY BENEFITS

- No CO<sub>2</sub> emissions
- No expensive consumables (fuel, oil and coolant) & no oil spillage
- No noise
- No rotating parts
- Low maintenance

## MAIN FEATURES

- High efficiency LED lights
- Photocell for automated on/off
- 6.1 m (20ft) mast that rotates 359°



# QLB 60

The brightest in  
luminosity, the ultimate  
in efficiency.








*Atlas Copco*



# QLB 60 LUMINOSITY AND EFFICIENCY

Keep working after the sun goes down with the Atlas Copco **QLB 60 LED** light tower. Its industry-leading combination of better luminous coverage and huge energy savings will brighten your events and construction worksites as well as your bottom line.

## KEY BENEFITS

|                    |   |
|--------------------|---|
| Performance        |  |
| Resale value       |  |
| Service efficiency |  |
| Ease-of-use        |  |
| Safety             |  |

## APPLICATIONS



BEST  
LUMINOUS  
COVERAGE



### SAFE MAST

The hydraulic vertical mast is extremely stable and quick to operate. Extending to a **maximum height of 8m and rotating 340°**, it's fast and easy to position where you need it.



### EASY TO TRANSPORT

22 units can be placed on a single truck thanks to the **best footprint in the market**. Galvanized forklift pockets and a lifting beam facilitate on-site movement.



## LOW RUNNING COSTS

Operational costs of the QLB 60 are up to 95% lower thanks to the saving time remote start functionality that eliminates the need for personnel to be sent to the worksite. The remote start can be set via photocell or weekly timer.



## SPECIALIST CONTROLLER

Specifically designed for light towers, the Lc 1003 controller features an event log, a weekly scheduler and a remote start control.

## ENVIRONMENTALLY FRIENDLY

CO<sub>2</sub> emissions are up to 75% less than a traditional light tower.

### OPTIMIZED LIGHT COVERAGE

Four high-luminosity LED floodlights with special optics maximize light coverage. The four 350 W LED lights match the typical luminosity of 4x1000 W metal halide lights.

### REDUCED MAINTENANCE COSTS

Save up to 34% on maintenance costs. Atlas Copco's **quality components and construction** keep your light tower running for longer and less. The galvanized steel canopy prevents rust and corrosion.

### LOW FUEL CONSUMPTION

Fuel consumption is up to 71% lower than a traditional light tower thanks to its **compact 1500 rpm engine**. The large fuel tank ensures fuel autonomy of 260 hours.

### SPILLAGE FREE FRAME

Spillage-free frame, internal filling inlet and easy, clean drainage of all liquids.



## Technical data

| Performance data                                 |          | QLB 60 |
|--|----------|--------|
| Rated frequency                                  | Hz       | 50     |
| Rated voltage                                    | V        | 230    |
| Rated power (PRP)                                | kW       | 2.7    |
| Operating temperature (min./max.)                | °C       | -8/40  |
| Maximum sound power level (Lw)                   | dB(A)    | 88     |
| Engine – Hatz                                    |          |        |
| Model  |          | 1 B 50 |
| Speed  | rpm      | 1500   |
| Rated net output (PRP)                           | kW       | 3,5    |
| Coolant  |          | air    |
| Number of cylinders                              |          | 1      |
| Alternator – Linz                                |          |        |
| Model  |          | E1C13S |
| Rated output                                     | kVA      | 5,5    |
| Insulation (stator & rotor)/Enclosure protection | Class/IP | H/21   |
| Consumption                                      |          |        |
| Fuel tank capacity                               | l        | 140    |
| Fuel consumption, lamps on                       | l/h      | 0.5    |
| Fuel autonomy, lamps on                          | h        | 260    |

## Technical data cont.

| Lights                     |         | QLB 60               |
|----------------------------|---------|----------------------|
| 4 x LED                    | W       | 4 x 350              |
| Luminous flux              | Lumen   | 154,000 (4 x 38,500) |
| Hydraulic mast             |         |                      |
| Rotation                   | Degrees | 340                  |
| Maximum height             | m       | 8                    |
| Maximum speed wind         | Km/h    | 80                   |
| Dimensions                 |         |                      |
| Fully deployed (L x W x H) | mm      | 1160 x 1160 x 8000   |
| Transport mode (L x W x H) | mm      | 1160 x 1160 x 2570   |
| Total unit weight          | kg      | 970                  |

## OPTIONS

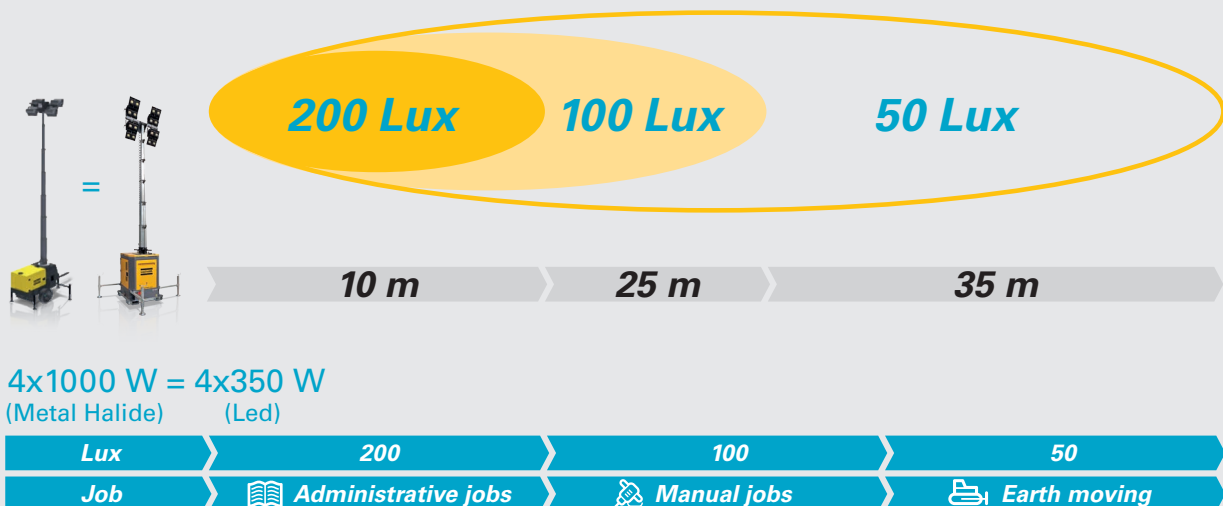
- Photocell
- Oil field kit: spark arrestor
- Earthing metal bar
- Special colors
- Auxiliary sockets type CE, PIN or RIM 230 V 10 A
- External power input 230VAC
- Remote Autotilt of Floodlights
- Battery Cut off - Switch
- MSA Connector

## QLB 60 SAVINGS

- Fuel consumption – up to **71% lower**
- Operational costs – up to **95% lower**
- Maintenance costs – up to **34% lower**
- CO<sub>2</sub> emissions – up to **75% lower**

(\* ) Compared to 4000 W Metal Halide

## BEST LUMINOSITY QLB 60 LED 4 X 350 W



**Atlas Copco**

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