

Atlas Copco Lighting tower

A bright solution for hard work



QLT H40



Sustainable Productivity



QLT Lighting tower

Features and benefits

- Fully Automated Hydraulic Lift - full height in 15 seconds
- Hydraulic mast equipped with hand brake safety release prevents movement of light tower while the mast is hoisted.
- 80 Hours of fuel autonomy for longer productivity on the work site
- Spillage free frame contains all fluids for environmental protection hazards
- 4 outrigger stabilizers for superior support
- Single lamp switches for maximum power and light combinations
- Heavy duty stainless steel cables used in mast lift for durability and safety
- Power outputs: 2 x 16A or 1 x 16A and 1 x 32A (230 V - 1ph) 2.3 kW (LTP) available when all lights are on
- External Power input: 1 x 32A

Metal halide lamps

The metal halide lamp technology is one of the most efficient ways of turning electrical energy into light. It requires less power, produces more light and provides the ideal lighting for working, sport and event areas. The expected lifetime of a metal halide lamp in a normal operation is very long, and the failure ratio is the lowest of all types of lamps.

Proven concept

The new QLT is based on a successful existing concept that has been used on the market for a long time. It includes a metallic enclosure with an electrical cubicle for control and protection, a mast that will extend vertically up to 9.2 meters and that can be rotated 350°, stabilization legs and undercarriage with brakes. The Lighting Tower QLT is easy to operate and extremely light and maneuverable, making it very simple to position at the desired location for optimal work area lighting.

Technical Data QLT H40

Engine characteristics

Model	Perkins 403D -11G 3 Cylinder Diesel engine
Power at 1500 rpm	8.4 kW
Fuel tank capacity	145 litres
Fuel autonomy	80 hours
Emissions	EU Stage II
Sound power level according to 2000/14/EC OND (LWA)	90 dBA
Sound pressure level at 7m	65 dBA

Alternator characteristics

Model	Sincro SK 160 SA 1
Rated power	9 kVA
Insulation class	H

Torch characteristics

Lamps	4 metal halide 1000W lamps
External ballast	Yes
Lighting capacity (max.)	85.000 lumen/bulb

Mast characteristics

Maximum height	9,2 m
Rotation	350°
Operation	Fully automated hydraulic lift
Maximum wind speed	80 km/h

Dimensions and weight

	Fixed towbar	Adjustable towbar
L x W x H (m)	2.46 x 1.32 x 2.27	2.91 x 1.32 x 2.27
Weight (dry / ready to operate)	1120 kg / 1240 kg	1160 kg / 1270 kg
Weight at the towing eye (ready to operate)	52 kg	70 kg (stretched) 74 kg (folded)

Average lighting versus distance

