



MOBILE  
lighting

## Urban Light ML4K9

With over twenty years experience engineering and manufacturing world-class mobile lighting towers, Allight has gained first hand insight into the expectations of end-users in civil construction, road works, rental and events industries.

The Urban Light delivers the strength and durability to withstand the rigors and challenges of urban construction night lighting and the versatility to perform in rental markets. With its small footprint, the Urban Light has been specifically design for urban applications; its compact size, towing and lifting points delivering ease of transportation around the city, construction and roadworks sites and suburbia. Its low noise output make the Urban Light ideal for densely populated areas and the noise sensitive events sector.

Bright Lights, Big City: with four 1000W metal halide lights, light tilt and 360 degree mast rotation, the Urban Light delivers powerful illumination to the exact location required. Lighting roadworks, freeways, construction sites, events and wherever strong, reliable lighting is needed in the city and beyond.



# Urban Light ML4K9

## [Specs & Dimensions]

### Standard Equipment

Height	1750 mm (5.7')
Length	3600 mm (11.8')
Width	1500 mm (5.1')
Weight (Wet)	1250 kg (2756 lbs)
Mast Height	9 m
Fuel Capacity	130 L (34 US Gallons)
Sound Levels	62 dBA @ 7m
Engine	10kVA Perkins 403D-11
Fuel	Diesel
Cylinders	3
Hz	50
RPM	1500
Alternator	4 pole, brushless
Power Outlets	2 x 10A 240V outlets
Lights	Metal Halide
Watts	4 x 1000
Light Output	440 000 Lumens
Mast Raise	Hydraulic telescopic
Mast Rotation	360 degrees

## [Hydraulic Mast]

- Multi-stage, telescopic galvanised hydraulic mast raise to 9m.
- Electric light tilt facility, whilst mast is fully extended and operating.
- Full 360 degree mast rotation whilst mast is fully extended and operating.
- Hydraulic mast raise, lowering and extension.

## [Generator]

- Powered by Perkins 403D-11 fuel efficient diesel engine and coupled to a heavy duty brushless alternator.
- Continuously rated at 7kW, 240V, 50Hz, 1500rpm.
- The set consists of a 3 cylinder, industrial duty, liquid cooled, naturally aspirated diesel engine coupled to a heavy duty four pole revolving field brushless alternator. The alternator is conservatively rated for longer life with class H insulation, high precision ball bearing and tropic proofed windings to prevent moisture ingress.
- Alternative power packs available upon request
- Standard equipment includes
  - Cyclone style air cleaner
  - Key start panel with engine protection
  - Residual Current Device protection

## [Lights]

- Four individually switchable 1000W metal halide lights housed in heavy duty cast aluminium fixtures.
- Light output of approximately 440 000 Lumens.

## [Electrical]

- Residual current device (RCD) protection.
- Individual breaker switch for each light assembly.
- System fault warning LEDs positioned on start panel.
- Electrically operated hydraulic power pack.

## [Compliance]

- AS 3000 Electrical Wiring Rules
- AS 2790 Transportable Generator Sets to 25kW
- AS 3010.1 Supply by Generator Set
- AS 3713 Noise Level Regulations
- AS 1172 Wind loads to gusts of 100kmph

### Trailer

- Fully enclosed chassis, powdercoated to 80 microns
- Road licensable, with 50 mm ball hitch coupling
- Spill containment tray for engine and hydraulic fluids
- Sound attenuation as standard
- 4 x manual stabiliser legs
- Forklift and single point centre lift
- 2 cabin access doors, and separate control door
- Lighting ballasts in easy access enclosure in generator canopy

