

KCL SERIES · MOBILE LIGHT TOWER

KCL2000-LED

Self-powered light, where you need it. 2000 W LED on a 4.5 m manual mast.

A workhorse mobile LED light tower with onboard generator (diesel or petrol, 3–5 kW configurable). Four 500 W LED panels on a stainless telescopic mast, four-wheel chassis, one-person setup. 50–150 m coverage radius. IP65 panels.

2000 W

LED OUTPUT

4.5 m

MAST HEIGHT

14 h+

RUNTIME / TANK



Engineered for the field.

A workhorse for any site that needs bright, reliable area light without running mains. One person sets it up. Manual telescopic mast. Wheels for any surface.

01 Four 500 W LED panels

2000 W of cool-white LED in total. 50–150 m radius coverage. ≥ 1 year of bulb life under typical site duty. Each lamp head: 360° horizontal, 90° vertical aim.

02 4.5 m manual telescopic mast

Stainless-steel mast. 1.5 m stowed for transport, 4.5 m extended for working light. Manual crank — no power required to raise the mast. IP65 lamp panels.

03 Configurable onboard generator

Choose 5 kW silent diesel (recommended for long-running sites) or 3–5 kW petrol (lighter, easier to refuel from a jerry can). Electric start, 16 L tank, 14 h+ runtime per fill.

04 One-person deployment

Four-wheel chassis with handle. Roll into position, raise the mast, electric-start the genset. Remote or manual control. Beaufort 6 wind rating, IP65.

Specifications.

All values measured at 25 °C ambient unless noted otherwise. Detailed test reports available on request under NDA.

LAMP PANEL

Light source	LED 4 × 500 W
Coverage radius	50–150 m
Lamp life	≥ 1 year
Head rotation	H 360° / V 90°
Panel size	660 × 120 × 550 mm
Panel weight	8 kg
Protection	IP65

MAST

Lift mode	Manual crank
Extended height	4.5 m
Stowed height	1.5 m
Material	Stainless steel
Mast weight	30 kg
Wind rating	Beaufort 6
Total weight	195 kg

GENERATOR

Type	Diesel or petrol
Power options	3 / 4 / 5 kW
Default	5 kW silent diesel
Voltage	AC 220 V / 50 Hz
Start	Electric
Fuel tank	16 L
Runtime	≥ 14 h

OPERATION

Setup	One person, ~5 min
Control	Remote or manual
Mobility	4-wheel chassis
Application	Construction, events, security

Applications.

Sites that need bright, reliable area light without running mains.

Construction night shifts

Perimeter and access-route lighting. 4.5 m mast clears most temporary fencing and stockpiles. Pairs with KCG hybrid genset.

Events & outdoor production

Crew areas, parking, load-in zones. Lighter and quieter than older halogen rigs. Self-powered — no cable runs from main genset.

Emergency & security

Incident response, temporary checkpoints, perimeter security. Self-powered, deploys in minutes, repositionable as the site changes.

COMPLIANCE

CE

Marking

IP65

Lamp Panels

B6

Wind Rating

AC 220V

50 Hz

14h+

Runtime / Tank

Need light towers for your fleet?

Tell us your site type, fuel preference (diesel or petrol) and quantity. We will send specs and pricing for the configuration that fits your operations.

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50–150m

LIGHT COVERAGE RADIUS