

Introducing MOBILE LIGHTING TOWERS

Efficient, reliable, and built for performance, Kirloskar Oil Engines' mobile lighting towers combine robust generator systems with high-powered illumination—ideal for construction sites, outdoor events, mining zones, and emergency operations. Engineered for easy transport and quick deployment, they ensure maximum productivity even in the most challenging environments.



APPLICATIONS

- Roadwork & Infrastructure Projects
- Construction Sites
- Mining Operations
- Oil & Gas Fields
- Disaster Relief & Emergency Services
- Events & Outdoor Gatherings
- Military & Defense Applications
- Rental Fleets

FEATURES



4 × 300W adjustable LED floodlights



Low-noise operation for sensitive environments



Hot-dipped galvanized mast with gear winch



Fuel efficient genset for extended runtime and low operational costs



Tow bar with hook and four mechanical stay jacks



Silent gensets with low emissions, ideal for residential and sensitive areas



Two-wheel heavy-duty trailer with leaf-spring suspension



360° rotating mast for full coverage

BENEFITS

Reliable Illumination

High-efficiency Ip66 LEDs (158 lm/W) with a long 50,000-hour lifespan

Self-Sustained Operation

No external power source required

Wide Coverage Lighting

Powerful LED lighting covers up to 5000m² with 5.5 & 7.5 kVA variants and 3500m² with the 5.5 kVA hybrid—ensuring maximum site visibility

Rapid Deployment

Quick mast elevation using gear winch system

Backed by Kirloskar

Genuine Service

24×7 Kirloskar helpline and support via 400+ service locations and 3000+ trained engineers

Safety Assured

Stable design prevents toppling, even in strong windy conditions

AVAILABLE VARIANTS



Mast Height Options

- 7meters - 5.5kVA
- 9meters -7.5kVA



Generator Capacity

- 5.5 kVA
- 5.5 kVA Hybrid
- 7.5 kVA



Hybrid Variant

7 hour battery backup with 5 hour fast recharge (2 cycles) for seamless operation when the generator is off during refueling, maintenance or silent operation needs

Customization

Customised for long working hours and allied electrical usages

Engine Options	Lighting Options		Runtime at 50% load*
	4x200	4x300	
5.5 kVA	-	✓	8 hours
5.5 kVA Hybrid	✓	-	10 hours
7.5 kVA	-	✓	12 hours

TECHNICAL SPECIFICATIONS OF GENSET

Engine	5.5Kva	7.5 kva
	Air Cooled Kirloskar - Sentinel Series	
No of cylinders	1	1
Voltage	230V	230V
RPM	3000	3000
Fuel Consumption at 25% load	0.7 (lit/hr)	0.95 (lit/hr)
At 50% load	1.07 (lit/hr)	1.1 (lit/hr)
Fuel Tank capacity	12.5 L	26 L
Sound Level	≤75 dB	≤75 dB
Display Parameters	KG645-Controller (Voltage frequency, Hours)	Microprocessor based Genset controller

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KIRLOSKAR OIL ENGINES LIMITED

A Kirloskar Group Company

Regd. Office : 13, Laxmanrao Kirloskar Road, Khadki,
Pune, Maharashtra 411 003 INDIA
Tel.: +91(20) 2581 0341 Fax: +91(20) 2581 3208, 2581 0209
Helpline: +91 8806 33 44 33
Email: koel.helpdesk@kirloskar.com Website: www.kirloskaroilengines.com

Bharath Diesel Care Pvt Ltd

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