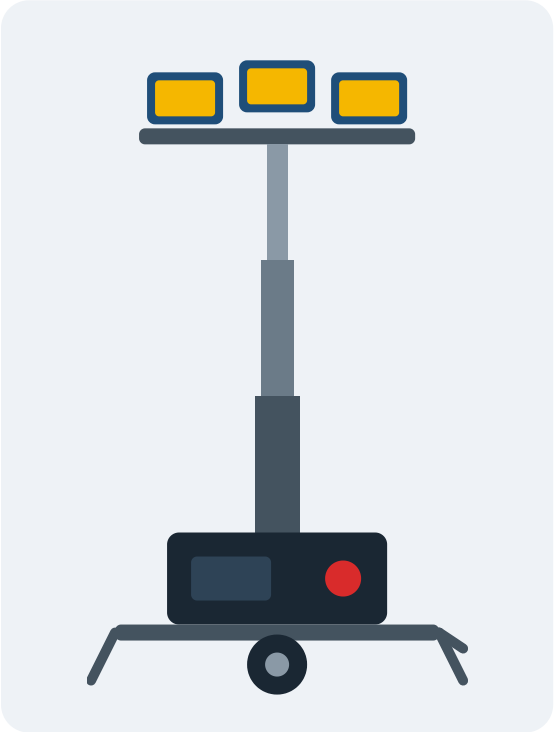
PORTABLE EMERGENCY LIGHTING SYSTEM

Trailer-Mounted Telescopic Lighting Tower

A self-contained, all-in-one mobile lighting solution for field operations, construction sites, emergency response and night work — powerful LED flood lighting on a telescopic mast, powered by an onboard generator, towable anywhere.



8 m
Telescopic mast, extended height

40,000+ lm
06 × 300 W LED flood lights

2 kVA
Onboard petrol generator, 8+ hrs runtime

IP66
Weatherproof, –10 °C to +50 °C operation

WHY THIS SYSTEM

- **Deploys in under 10 minutes** — single-person operation, no tools
- **Fully self-powered** — works where grid power is unavailable
- **Single-axle wheeled trailer** with towing system — easy to tow and position
- **360° rotation** with wind resistance up to 60 km/h
- **Outrigger stabilisation** for safe operation on rough ground
- **50,000+ hr LED life** with toughened glass and UV-stabilised lenses

APPLICATIONS: Military & field deployments · Disaster & emergency response · Construction sites · Events & municipal works

Full technical specification overleaf →

Technical Specifications

HRIDAYA

TELESCOPIC & COLLAPSIBLE MAST

Type	**Telescopic / collapsible**
Extended height	**Up to 8 m (min 4 m)**
Construction	**MS, enamel painted over anti-rust primer**
Deployment time	**≤ 5 minutes**
Rotation	**360°, manual**
Wind resistance	**Up to 60 km/h**
Stabilisation	**Outriggers / support legs**
Cable management	**Integrated wiring**

LED LIGHTING SYSTEM

Luminaires	**06 × 300 W LED flood lights**
Total output	**Minimum 40,000 lumens**
Colour temperature	**5000 K – 6500 K**
Ingress protection	**IP66**
LED lifespan	**50,000+ hours**
Supply / mounting	**230 V AC, adjustable brackets**
Glass / lens	**Toughened ≥ 4 mm, UV-stabilised PC lens**
CRI / operating temp	**CRI > 70, –10 °C to +50 °C**

GENERATOR SET (2 kVA)

Rated output	**Minimum 2.0 kVA**
Engine	**Single-cylinder, 4-stroke, petrol**
Fuel tank	**Minimum 10 litres**
Runtime (full tank)	**Minimum 8 continuous hours**
Cooling	**Air-cooled**
Starting	**Manual / electric start**

BUILD, STORAGE & TRANSPORT

Mounting	**Single-axle wheeled trailer with towing system**
Storage	**Ruggedised box — cables, tools, spares**
Handling	**Single-person / dual-lift operation**
Setup	**< 10 minutes, minimal tools**
Protection	**Enamel painted finish, rust-resistant, IP66 components**
Safety	**Overload protection, earthing, shockproof lights**

COMPLIANCE: IS & IEC standard conformity · IP66 weatherproofing · CPCB-IV compliant (emissions) · CE / ISO electrical safety · 1-year warranty, service every 100–150 hrs

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