OMNIDIRECTIONAL AUTOMATIC FLOOD WORK LIGHT

# LF6133

## Rapid-Deploy Lifting Flood Light with PA Broadcast

A cart-mounted lighting unit with a 4-stage automatic lifting mast, three independently adjustable LED heads and a built-in lithium battery. Run it from mains, a generator or its own battery for large-area, high-brightness light at rail, power, municipal and emergency sites.

- Automatic Lift to 4.8 m
- 3 Adjustable LED Heads
- Mains · Generator · Battery
- Voice Prompts & PA Audio



| 600 W | 4.8 m | ≥1000 lx | IP65 |
|---|---|---|---|
| MAX. LIGHTING POWER | RAISED HEIGHT | ILLUMINANCE @ 10 M | HEADS & CONTROL BOX |

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KEY FEATURES

# Big-Area Light, Deployed in Minutes. One Unit, One Operator.

### Automatic Lifting
4-stage cylinder mast raises the heads to 4.8 m with one button.

### Omnidirectional
3 heads aim separately for 360° surround light or a single target.

### 600 W LED Output
Spot + flood heads, ≥1000 lx at 10 m, LED life ≥100,000 h.

### Three Power Sources
Mains or generator input, plus a 24 V 30 Ah lithium battery for emergency light.

### Voice-Guided Operation
Spoken prompts walk the operator through every step.

### 35 W PA Broadcast
USB, Bluetooth, 6.5 mm input and recorded messages on loop.

### IP65 Protection
Sealed lamp heads and electrical box for outdoor work.

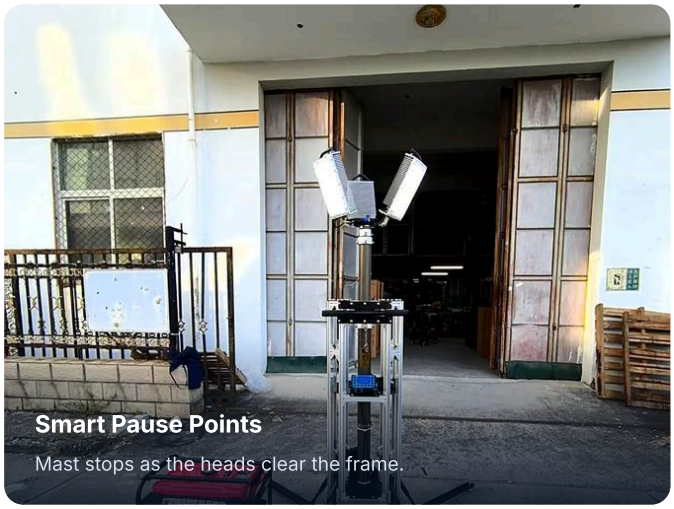
### Aluminium Cage Frame
High-strength, impact-resistant alloy frame protects the mast.

### Wheels & Handle
Tilt and roll like a hand truck. Adjustable legs suit uneven ground.



**Raised & Deployed**

Outrigger legs set, mast lifted for wide-area flood light.



**Smart Pause Points**

Mast stops as the heads clear the frame.

AUTOMATIC LIFT CONTROL

## Safe, Guided Raising and Lowering

- Mast pauses when the heads clear the frame so they can be aimed
- Pauses again on the way down so heads can be folded in
- Press once at any time to stop mid-travel

PERFORMANCE

# Powered Your Way. Controlled From One Panel.

**CONTROL PANEL**

| | |
|---|---|
| **POWER** Main On / Off | **MAST** Up · Down |
| **LIGHT** Lighting On / Off | **DIMMING** Brightness + / – |
| **AUDIO** Play · Mode | **AUDIO** Record · Reverb |

01 — POWER & DIMMING

## Mains, Generator or Built-in Battery

Plug into mains or a generator for full output with brightness control in 10 % steps (hold for continuous dimming). If external power drops, the built-in high-energy lithium battery keeps emergency light on for at least 1 hour.

| Mains | Generator | Li-ion Battery |
|---|---|---|
| 220 V input | AC input | DC 24 V · 30 Ah |

02 — PROTECTION CIRCUITS

## Safe, Reliable Battery Management

The internal circuit protects against over-charge, over-discharge and short circuit. Charging from 220 V takes under 5 hours, and the lithium pack is safe and environmentally friendly.

Over-charge · Over-discharge · Short-circuit · < 5 h Charging



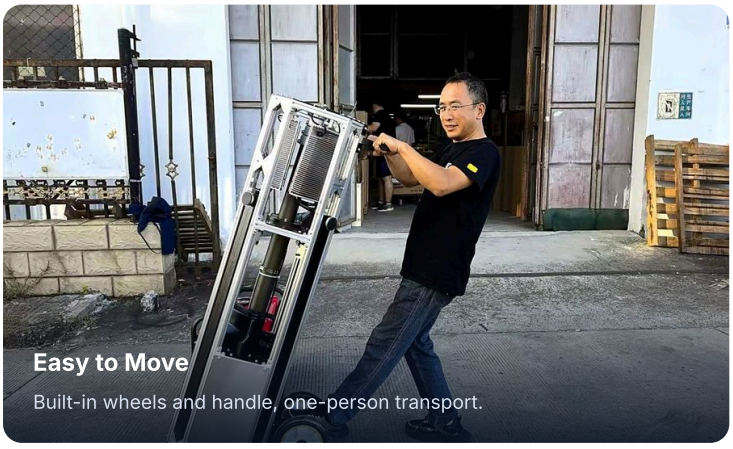
**Compact When Folded**
390 × 643 × 1450 mm

03 — BROADCAST & VOICE

## Light and Sound in One Unit

A 35 W speaker plays MP3 from a USB drive, Bluetooth audio, a 6.5 mm line or wired / wireless microphone, and loops recorded announcements. Ideal for evacuation instructions, site briefings and emergency scenes.

USB 5V 2A · Bluetooth · 6.5 mm Input · Record & Loop · Reverb



**Easy to Move**
Built-in wheels and handle, one-person transport.

04 — MOBILITY & STABILITY

## Roll It In, Stand It Firm

Wheels and a cross handle let one person tilt and roll the unit into place. Adjustable support legs with tension rods level the light on uneven ground for safe operation at full height.

Rolling Wheels · Adjustable Legs · −20 °C to +40 °C

TECHNICAL SPECIFICATIONS

# Specifications

| Model | LF6133 |
|---|---|
| Product name | **Omnidirectional Automatic Flood Work Light** |
| Battery rated voltage | **DC 24 V** |
| Battery rated capacity | **30 Ah (lithium-ion)** |
| Max. lighting power (spot + flood) | **600 W** |
| Max. initial illuminance at 10 m | **≥ 1000 lx** |
| Battery runtime | **≥ 1 h** |
| Battery service life | **≥ 500 h** |
| Charging time (220 V input) | **< 5 h** |
| Size, retracted (L × W × H) | **390 × 643 × 1450 mm (±50)** |
| Size, raised (L × W × H) | **390 × 643 × 4800 mm (±50)** |
| Net weight | **72 kg** |
| Gross weight (packed) | **95 kg (incl. 23 kg wooden case)** |
| Packing size (wooden case) | **1550 × 500 × 800 mm** |
| Operating temperature | **−20 °C ~ +40 °C** |
| Audio format / speaker | **MP3 / 35 W** |
| Ingress protection | **IP65 (lamp heads & electrical box)** |
| LED average life | **≥ 100,000 h** |



Specifications from the LF6133 product manual. Confirm configuration and voltage requirements in your quotation.

## APPLICATIONS

- **Railway Maintenance**
- **Power Grid Repair**
- **Municipal Works**
- **Large Construction Sites**
- **Accident Response**
- **Disaster Relief & Rescue**

## OPERATING NOTES

- Set the support legs before raising the mast.
- When using a generator, start it before connecting the light.
- Battery mode is for emergency light; dimming works on external power.
- If unused for 3 months, run one full discharge and charge cycle.

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