

MOBILE LED SURGICAL LIGHT · BATTERY BACKUP

PCB-MSL-160B

Mobile single-head surgical light with integrated rechargeable Li-ion battery — runs cord-free during transport, power events, or in spaces without convenient outlets.

Cord-free OR illumination — **anywhere, anytime.**

Integrated rechargeable Li-ion battery keeps the lamp running during power outages, between-room transport, or in spaces without convenient AC outlets. Same 72-LED head, same 60,000–150,000 lux range, same CRI 85–97 — no compromise vs the AC-only MSL-160. Digital charge indicator on the base.



Li-ion

BATTERY BACKUP

150,000 lux

PEAK ILLUMINATION

72 LEDs

HIGH-OUTPUT

60,000 hr

LED LIFE

— Key features



72-LED HEAD

OR-grade true-color illumination

- 72 high-output LEDs · 60,000 hr life
- 60,000 – 150,000 lux at the working distance
- Color rendering index 85–97 (Ra)
- Adjustable color temperature 3500–5000 K
- Light spot 120–300 mm · depth > 700 mm



INTEGRATED BATTERY BACKUP

Untethered, anytime — and always ready

- Integrated rechargeable Li-ion battery
- Digital charge-status indicator on the base
- Automatic AC ↔ battery switchover
- Heavy-duty wheeled stand with lockable casters
- LCD touch panel on yoke (LUX / CCT / CRI)

— Why PCB-MSL-160B

120,000 lux peak

40,000–120,000 lux range covers every phase of surgery — from microsurgery to deep cavity.

72 LEDs

Solid-state high-output array. 60,000 hr life. True color rendering.

Cold light · 54 W

Heat-to-light < 3.6 mW/m²-lux. Only 54 W. No surgeon discomfort, no field heating.

— Surgical specialties

General Surgery

Minor Procedures

Emergency Surgery

Gynecology & Obstetrics

Urology

Outpatient

Dermatology

— Specifications

Illumination intensity

60,000 – 150,000 lux

Color temperature

3500 – 5000 K

Color rendering (Ra)

85 – 97

Heat-to-light ratio

< 3.6 mW/m²-lux

Illumination depth	> 700 mm	Light spot diameter	120 – 300 mm
LED quantity	72 high-output	LED life	> 60,000 hours
Mount	Mobile stand · lockable casters	Power	AC + Li-ion battery
Battery switchover	Automatic	Control	LCD touch on yoke
Certifications	CE Approved		

Certified quality. CE-marked according to the EU Medical Device Regulation (MDR 2017/745).

CE

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Distribution

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