

STAND-TYPE LED EXAM LIGHT · BATTERY BACKUP

PCB- ML260B

Cord-free LED examination — built-in Li-ion battery keeps the lamp running during transport, power events, or wherever an outlet isn't available.

Engineered for **untethered clinical use** — exam rooms, mobile care, emergency response.

Twenty high-output LEDs deliver 40,000–80,000 lux at 500 mm working distance with CRI \geq 90 and 4000 K color temperature. Integrated Li-ion battery in the base provides automatic AC \leftrightarrow battery switchover. Low heat-to-light ratio (< 3.6 mW/m²-lux) keeps the field cool during prolonged examinations.



Li-ion

BATTERY BACKUP

80,000 lux

PEAK ILLUMINATION

CRI \geq 90

COLOR RENDERING

50,000 hr

LED LIFE

— Key features



20-LED HEAD

True-color examination optics

- 20 high-output LEDs · 50,000 hr life
- CRI ≥ 90 — accurate tissue color rendering
- 4000 K \pm 500 — neutral white spectrum
- 150 mm light spot diameter at working distance
- Shadowless, even illumination across full spot



BATTERY BACKUP

Untethered, anytime

- Integrated Li-ion battery — no external pack
- Automatic AC \leftrightarrow battery switchover
- Charge-status indicator on the base
- Rechargeable from any standard outlet
- Heavy-duty cast base with lockable swivel casters

— Why PCB-ML260B

Cord-free operation

Battery automatically takes over when AC is unavailable. No interruption during transport or outages.

80,000 lux peak

40,000–80,000 lux at the working distance. No compromise vs. the AC-only ML260.

Cold LED light

Heat-to-light < 3.6 mW/m²·lux. Patient stays comfortable during prolonged examinations.

— Applicable clinical environments

Exam Room

Minor Procedures

Wound Care

Outpatient Clinic

Mobile Care

Emergency Response

Dermatology

— Specifications

Illumination intensity

40,000 – 80,000 lux

Color temperature

4000 K \pm 500

Color rendering (Ra)

≥ 90

Heat-to-light ratio

< 3.6 mW/m²-lux

Illumination depth

> 500 mm

Light spot diameter

150 mm

LED quantity

20 pcs

LED service life

> 50,000 hours

Mount type

Mobile stand · lockable casters

Power

Mains AC + Li-ion battery

Switchover

Automatic

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

CE

Headquarters

PCB International
Miami · USA

pcbinternational.net

Distribution

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