

MOBILE LED SURGICAL LIGHT

# PCB-MSL-160

Mobile single-head surgical light on wheeled stand — up to 150,000 lux, 72 high-output LEDs, LCD touch control, 60,000-hour LED life.

## Operating-room performance, **on wheels.**

Seventy-two individually-collimated high-output LEDs deliver 60,000–150,000 lux at the working distance with adjustable 3500–5000 K color temperature and CRI 85–97. Heavy-duty wheeled stand with lockable swivel casters. LCD touch panel on the yoke for one-touch LUX, CCT, and CRI control.



**150,000 lux**

PEAK ILLUMINATION

**3500–5000 K**

COLOR TEMPERATURE

**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



### LCD TOUCH CONTROL

#### Quick adjustment, smooth transport

- LCD touch panel — LUX / CCT / CRI control
- Heavy-duty wheeled stand · lockable swivel casters
- Articulated spring-balanced arm
- Sterile center handle for in-field positioning
- Compact footprint for tight procedure rooms

## — Why PCB-MSL-160

### 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/m<sup>2</sup>-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/m<sup>2</sup>-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	Mains AC
Control	LCD touch on yoke	Certifications	CE Approved
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**Certified quality.** CE-marked according to the EU Medical Device Regulation (MDR 2017/745). **CE**

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