

WALL-MOUNTED LED SURGICAL LIGHT

PCB-SCM-500

Wall-mounted single-head LED surgical light — up to 120,000 lux, 54 high-output LEDs, LCD touch control, articulating arm, 50,000-hour LED life.

OR-grade illumination, **wall-mounted** — for retrofits and tight spaces.

Fifty-four high-output LEDs deliver 40,000–120,000 lux with adjustable 3500–5000 K color temperature and CRI 85–95. Multi-segment articulating arm reaches across the procedure table. Same illumination performance as the SCM-500 ceiling variant in a wall-mounted form factor — ideal for retrofits and rooms where ceiling mounting isn't practical.



120,000 lux

PEAK ILLUMINATION

3500–5000 K

COLOR TEMPERATURE

54 LEDs

HIGH-OUTPUT

50,000 hr

LED LIFE

— **Key features**

 PCB-WCM-120 54-LED head detail



WALL-MOUNTED ARTICULATING ARM

Up to 120,000 lux of true-color light

- Wall-mounted base · structural plate included
- 40,000 – 120,000 lux at the working distance
- Color rendering index 85–95 (Ra)
- Adjustable color temperature 3500–5000 K
- Light spot 120–350 mm · depth > 700 mm · shadowless 78%

LCD TOUCH CONTROL

54 high-output LEDs, true-color rendering

- 54 high-output LEDs · 50,000 hr life
- 40,000 – 120,000 lux at the working distance
- Color rendering 85–95 (Ra) · 3500–5000 K adjustable
- LCD touch panel — LUX / CCT / CRI
- Heat-to-light < 3.6 mW/m²-lux

— **Why PCB-WCM-120**

120,000 lux peak

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

No ceiling required

Wall-mounted base saves ceiling structural work. Ideal for retrofits, low-ceiling rooms.

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 Room

Outpatient

Retrofit

Dermatology

OB-GYN

— **Specifications**

Illumination intensity

40,000 – 120,000 lux

Color temperature

3500 – 5000 K (adjustable)

Color rendering (Ra)

85 – 95

Heat-to-light ratio

< 3.6 mW/m²-lux

Illumination depth

> 700 mm

Light spot diameter

120 – 350 mm

Shadowless rate

78%

LED quantity

54 high-output

LED service life	> 50,000 hours	Power consumption	54 W
Mount type	Wall-mounted, single head	Arm type	Multi-segment articulating
Control	LCD touch panel	Optional	Wireless remote · backup battery
Packaging	1520 × 700 × 600 mm · 70/45 kg	Certifications	CE Approved

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

CE

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Distribution

Global · CE Approved

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