

PREMIUM CEILING-MOUNTED LED SURGICAL LIGHT

## PCB-SCM-160

Single-head premium surgical light — up to 160,000 lux, 60,000-hour LED life, electric focus, shadow compensation, German spring arm.

Premium operating-room performance with **shadow compensation** and electric focus.

High-output LED array delivers up to 160,000 lux with adjustable 3500–5000 K color temperature and CRI 85–98 for true tissue color rendering. Electric focus adjusts the spot from 120 to 350 mm at a touch. Shadow compensation mode increases shadowless rate from 78% to 98% when hands and instruments enter the field.



**160,000 lux**

PEAK ILLUMINATION

**3500–5000 K**

COLOR TEMPERATURE

**120 W**

POWER

**60,000 hr**

LED LIFE

## — Key features



### PREMIUM LED DOME

## 160,000 lux of true-color shadowless light

- 40,000 – 160,000 lux at the working distance
- Color rendering 85–98 (Ra) · adjustable 3500–5000 K
- Electric focus — variable spot 120–350 mm
- Shadow compensation: 78% / 98% modes
- LED service life > 60,000 hours



### GERMAN SPRING ARM + OPTIONAL REMOTE

## Effortless positioning, hands-free control

- German spring arm · aluminum main arm
- Sterile center handle for in-field positioning
- Optional: wireless hand remote (LUX / CCT / CRI / focus)
- Optional: integrated backup battery

## — Why PCB-SCM-160

### 160,000 lux peak

Highest output in the SCM series. Covers every procedure — from microsurgery to deep cavity.

### Shadow compensation

Toggle from 78% to 98% shadowless rate when hands and instruments enter the field.

### Electric focus

One-touch adjustment of light spot from 120 mm to 350 mm. No mechanical knob.

## — Surgical specialties

General Surgery

Cardiothoracic

Neurosurgery

Orthopedic Surgery

Gynecology & Obstetrics

Urology

ENT

Microsurgery

## — Specifications

Illumination intensity

40,000 – 160,000 lux

Color temperature

3500 – 5000 K

Color rendering (Ra)

85 – 98

Heat-to-light ratio

< 3.6 mW/m<sup>2</sup>-lux

Illumination depth

> 700 mm

Light spot diameter

120 – 350 mm

Shadowless rate

**78% / 98% (compensation)**

Focus

**Electric**

LED life

**> 60,000 hours**

Power

**120 W**

Mount

**Ceiling, single head**

Spring arm

**German · aluminum**

Optional

**Wireless remote · backup battery**

Packaging

**1080 × 860 × 720 mm · 100/75 kg**

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

**CE**

#### Headquarters

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#### Distribution

Global · CE Approved

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