

PREMIUM DUAL-HEAD CEILING LED SURGICAL LIGHT

PCB-DCM-160/160 PRO

Premium dual-head ceiling surgical light — twin 160,000 lux heads, OSRAM LED bulbs, CRI ≥ 98 , touch control per head, 60,000-hour LED life.

The flagship of the SCM/DCM family — **twin 160k lux, OSRAM LEDs.**



Two identical 160,000 lux LED heads, each with OSRAM high-output bulbs delivering CRI ≥ 98 — true tissue color rendering at the highest standard. R9 ≥ 98 (red tissue), R13/R15 = 99 (skin tones). Color temperature adjustable 3000–5000 K. Touch control per head. Illumination depth 1500 mm. Global voltage 100–240V.

160k + 160k

LUX PEAK (TWIN)

3000–5000 K

COLOR TEMPERATURE

CRI ≥ 98

OSRAM

60,000 hr

LED LIFE

— Key features



OSRAM LED BULBS

True-color rendering at the highest standard

- OSRAM premium LEDs (64 per assembly)
- CRI ≥ 98 — color rendering Ra
- R9 ≥ 98 · R13/R15 = 99 (skin tones)
- Color temperature 3000–5000 K
- Lamp head 70 cm · 100 VA per head

TOUCH CONTROL · GLOBAL VOLTAGE

Per-head control of every parameter



- Touch control: light spot · CCT · CRI · on/off
- Light spot 120–350 mm · depth 1500 mm
- Global voltage 100–240V 50/60Hz
- Optional: wireless hand remote
- Optional: integrated backup battery

— Why PCB-DCM-160/160 PRO

Twin 160k lux

Two identical 160k lux heads — total 320k lux output. Illuminate two fields or one deep cavity.

CRI ≥ 98 OSRAM

Premium OSRAM LEDs — R9 ≥ 98 for red tissue, R13/R15 = 99 for skin tones.

Global voltage

100–240V 50/60Hz universal. Ship to any market without re-engineering.

— Surgical specialties

General Surgery

Cardiothoracic

Neurosurgery

Orthopedic Surgery

Gynecology & Obstetrics

Urology

ENT

Microsurgery

— Specifications

Head configuration

Dual (twin 160k lux)

Illumination · each head

40,000 – 160,000 lux

LED type

OSRAM high-output

Color temperature

3000 – 5000 K

Color rendering (Ra)	≥ 98	Heat-to-light ratio	< 3.6 mW/m ² ·lux
Illumination depth	1,500 mm	Light spot diameter	120 – 350 mm
R9 / R13 / R15	≥ 98 / 99 / 99	LEDs per head	64 OSRAM
Power per head	100 VA	LED life	60,000 hr
Global voltage	100–240 V · 50/60 Hz	Control	Touch panel (each head)
Optional	Wireless remote · backup battery	Lamp head diameter	70 cm

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

Headquarters

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Distribution

Global · CE Approved