

DUAL-HEAD CEILING LED SURGICAL LIGHT

## PCB-DCM-160/120

Dual-head ceiling surgical light — primary 160,000 lux + secondary 120,000 lux, LCD touch control on both arms, German Ondal spring arms, 50,000-hour LED life.

Dual-head shadowless illumination for **full OR coverage**.

Two independently-positioned LED heads — primary 160,000 lux (120 LEDs) and secondary 120,000 lux (54 LEDs) — work together to eliminate shadows from multiple angles. Each head has its own LCD touch panel. Shadow compensation mode toggles between 78% and 98% shadowless rates. German Ondal spring arms hold both heads in any position without drift.



**160k + 120k**

LUX PEAK (DUAL)

**3500–5000 K**

COLOR TEMPERATURE

**78% / 98%**

SHADOWLESS

**50,000 hr**

LED LIFE

— **Key features**



**LCD TOUCH · PER HEAD**

**Independent control of each head**

- LCD touch panel on each head yoke
- Primary head: 40,000 – 160,000 lux · 120 LEDs · 120 W
- Secondary head: 40,000 – 120,000 lux · 54 LEDs · 54 W
- Color temperature 3500–5000 K · CRI 85–98 (both heads)
- Shadow compensation: 78% / 98% modes



**GERMAN ONDAL ARMS + OPTIONAL REMOTE**

**Effortless positioning of both heads**

- German Ondal spring arms · aluminum main arm
- Independent positioning of each head
- Sterile center handle per dome
- Optional: wireless hand remote (LUX / CCT / CRI / on-off)
- Optional: integrated backup battery

— **Why PCB-DCM-160/120**

**Dual head · 280k combined**

Primary 160k + secondary 120k lux.  
Two heads eliminate shadows from multiple angles.

**Shadow compensation**

One-touch toggle 78% → 98% shadowless rate when hands and instruments enter the field.

**Ondal spring arms**

German-engineered arms hold both heads independently without drift. Full reach across the OR table.

— **Surgical specialties**

General Surgery

Cardiothoracic

Neurosurgery

Orthopedic Surgery

Gynecology & Obstetrics

Urology

ENT

Microsurgery

— **Specifications**

Head configuration

**Dual (primary + secondary)**

Primary head lux

**40,000 – 160,000**

Secondary head lux

**40,000 – 120,000**

Color temperature

**3500 – 5000 K (both)**

Color rendering (Ra)	<b>85 – 98</b>	Heat-to-light ratio	<b>&lt; 3.6 mW/m<sup>2</sup>·lux</b>
Illumination depth	<b>&gt; 700 mm</b>	Light spot diameter	<b>120 – 350 mm</b>
Shadowless rate	<b>78% / 98%</b>	LEDs · primary / secondary	<b>120 / 54</b>
Power · primary / secondary	<b>120 W / 54 W</b>	LED life	<b>&gt; 50,000 hr</b>
Spring arms	<b>German Ondal</b>	Control	<b>LCD touch (each head)</b>
Optional	<b>Wireless remote · backup battery</b>	Packaging	<b>1080×860×720 mm · 100/75 kg</b>

**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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