



The **MAQUET PowerLED 700** offers a high-end standard of illumination quality with powerful LEDs (light-emitting diodes). MAQUET's warmwhite LEDs used in the PowerLED 700 cover the entire visible color spectrum that is required for today's demanding surgeries. This MAQUET surgical light features adaptive illuminance to the surgeon's presence with sensor-driven management. Automatic illumination management reduces the shadows to create a shadow-free area from the diverging beams of light. The design of this light head features rounded curves and smooth surfaces without cutting edges for quick and easy cleaning.

Features

- Long service lightbulbs that last 40 times longer than halogen.
- Coolflow design for excellent heat dissipation.
- Low energy consumption.
- > 110,000 LUX.
- 3,800 color temperature.



Specifications

Optical and Photometric

Bulb Type: LED
Diameter of Lighthouse: 29.1 in (74 cm)
Illumination: > 110,000 lux
Field Diameter: 9.4 in +/- 10% (24 cm +/- 10%)
Depth of The Volume of Light L1 + L2: 39.4 in (100 cm)
Color Rendering Index: > 90 (CRI) (Ra)
Color Temperature: 3,800K +/- 15%
Radiant Energy (Average) (mW / m2.lx): < 4
FSP (Flux stability program): Yes
AIM (Automatic Illumination Management): Optional

Ambient Light

Illumination: 50 to 300 lux
Illuminated Field: 39.4 in (100 cm)

Electrical and Mechanical

Power Supply Input Voltage: 100 - 120V / 220 - 230V
Lighthouse Power Consumption: 200 W
Frequency: 50 / 60 Hz
Illumination Adjustment: 30 – 100%
Service Life: > 40,000 hrs

