

EMALED | SURGICAL LIGHT 300F



FIELD OF APPLICATION:

- Lighting of the operating field on small surgical interventions and diagnostic examinations.
- Illumination 100.000 lx

TECHNICAL DETAILS

Illumination	100.000 lx
Lighting intensity	10 – 100 %
Diameter of operating field D ₁₀	min 150 mm / max 300 mm
Diameter of operating field D ₅₀	90 mm
Operating distance	70 – 140 cm
Colour temperature	4.500 K
Colour rendering index	95 Ra
Total irradiance	300 W/m ²
Irradiance	3,3 W/m ² lx
life expectancy	50.000 hrs
Residual illumination	
with two masks	47 %
with tube	97 %
with tube and two masks	46 %
Electrical Parameters	
Main voltage	230 V
Frequency	50 – 60 Hz
Power consumption	24 VA
Mechanical Parameters	
weight of lighting element	4,0 kg
weight incl. support frame	30 kg

SURGICAL LIGHT 300F

The EMALED 300F light, with a stable tripod and a carrier, is a mobile, compact and agile light for the operating room as well as for examination rooms.

- Natural colour rendering; no infrared and ultraviolet radiation
- Diameter of operating field 150 - 300 mm (focusable)
- Long durability of LED's (at least 50,000 hrs)
- Lamp shows low release of heat
- No moveable parts in the light bodies – low costs for maintenance
- Low power consumption of 24 VA only
- Adjustable illumination at consistent colour temperature
- Powder - coated aluminium case

LABEL

