

EMALED | SURGICAL LIGHT 300W



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	12 kg

SURGICAL LIGHT 300W

The surgical light EMALED 300W can be used for operation as well as for examination rooms and is designed for wall-mounting.

- 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 16 VA only
- Adjustable illumination at consistent colour temperature
- Powder - coated aluminium case

LABEL

