



FAMED LODZ S.A.

Excellence through experience,
for over 75 years.

SOLIS 160FA

practical, modern, reliable

SOLIS 160 is the perfect compromise between quality and price of the operating lamps, which will satisfy even the most demanding user. The round shape of the dome allows accurate surface disinfection.

The system of three independent domes provides excellent illumination of the treatment and its shadowlessness. Handy sterile handle allows accurate positioning of the device and adjusting the size of the light field of the operating field.

Ergonomic design and reduced weight of the operating lamp **SOLIS 160** ensures comfortable handling while enabling any application both in emergency departments as well as specialized operating rooms.

Lighting modules with LEDs are covered by extremely robust plate of polycarbonate, to protect against accidental damage, and its flat shape facilitates the work of the operator. Lamps **SOLIS 160** have a wide range of adjustment due to the possibility of rotation relative to the four axes.

Illuminance of 160,000 lux at a distance of 1 meter. In a series of lamps **SOLIS 160** was used innovative system of LEDs which form a light module, in three independently powered sections.

In case of failure of one of the sections, the other two provide a very good level of lighting.

The dome does not contain any external screws or other fasteners.

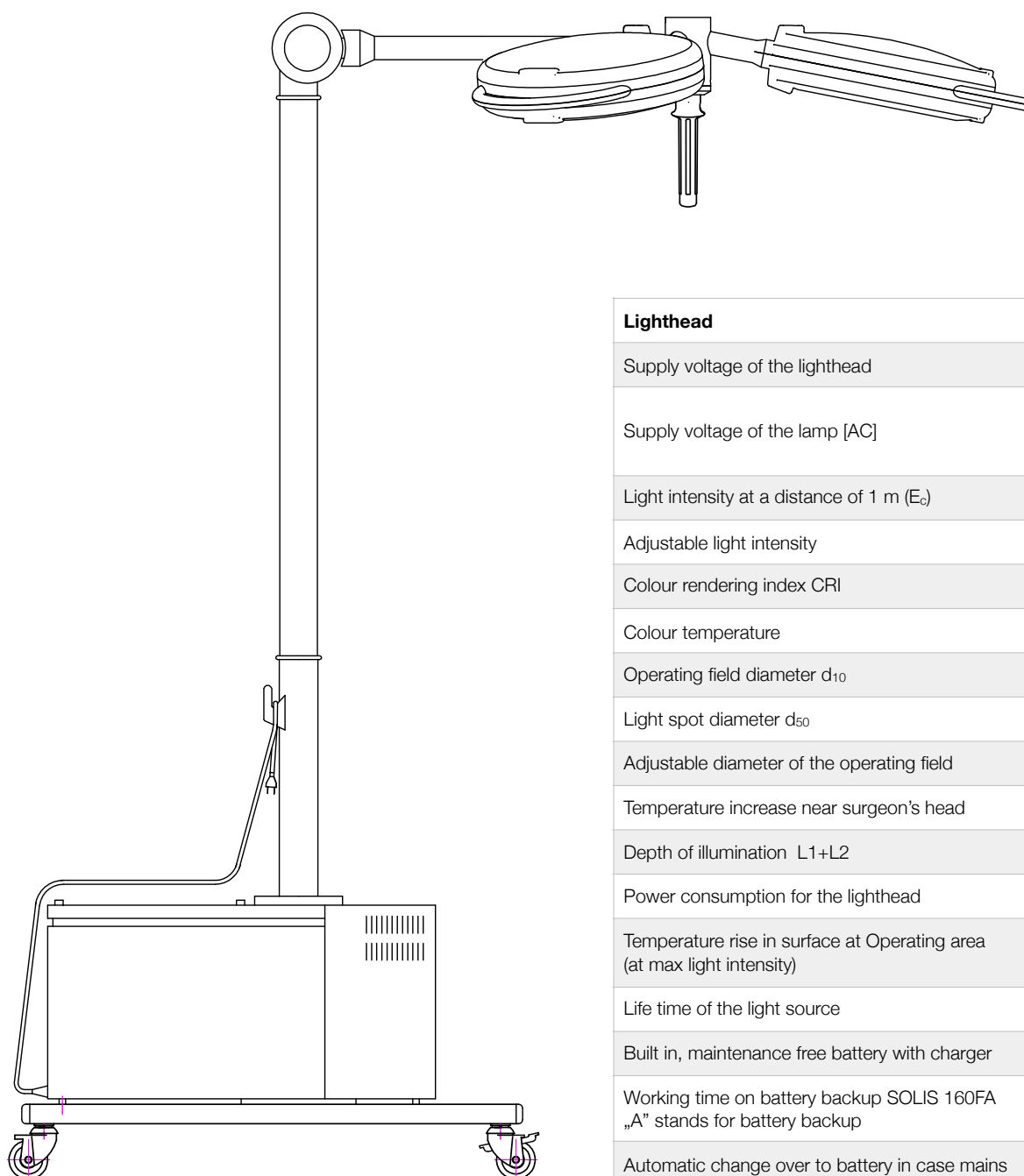


Control Panel - easy to use, with a push button on / off and adjust the light intensity.

The sterile handle for focusing light field in the operating field, having ergonomic design, placed in the center provides easy access and positioning the dome.



Technical data:



Lighthead	SOLIS 160
Supply voltage of the lighthead	24V DC
Supply voltage of the lamp [AC]	100-240V / 50-60Hz 1 Phase and battery operation
Light intensity at a distance of 1 m (E_c)	160 000 lx
Adjustable light intensity	25 ÷ 100%
Colour rendering index CRI	96
Colour temperature	4500 K
Operating field diameter d_{10}	220 mm
Light spot diameter d_{50}	110 mm
Adjustable diameter of the operating field	yes
Temperature increase near surgeon's head	0,5°C
Depth of illumination L1+L2	70 cm
Power consumption for the lighthead	50 W
Temperature rise in surface at Operating area (at max light intensity)	400 W/m ²
Life time of the light source	up to 40.000 h
Built in, maintenance free battery with charger	yes
Working time on battery backup SOLIS 160FA „A” stands for battery backup	up to 7 h
Automatic change over to battery in case mains supply failure and back again	yes

The product complies with the European Directive **MDD 93/42/EEC** and standards: **IEC 60601-1:2011**
IEC 60601-1-2:2007



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