



## SOLIS 160F(A) MOBILE OPERATING LAMP



The control panel – easy to use, with the turn on/off button and adjustment of the light intensity.



The sterile handle – enables focusing of the light spot of the operating field, ergonomic, placed in the center for easy access and positioning of the dome. It is removable and autoclavable.



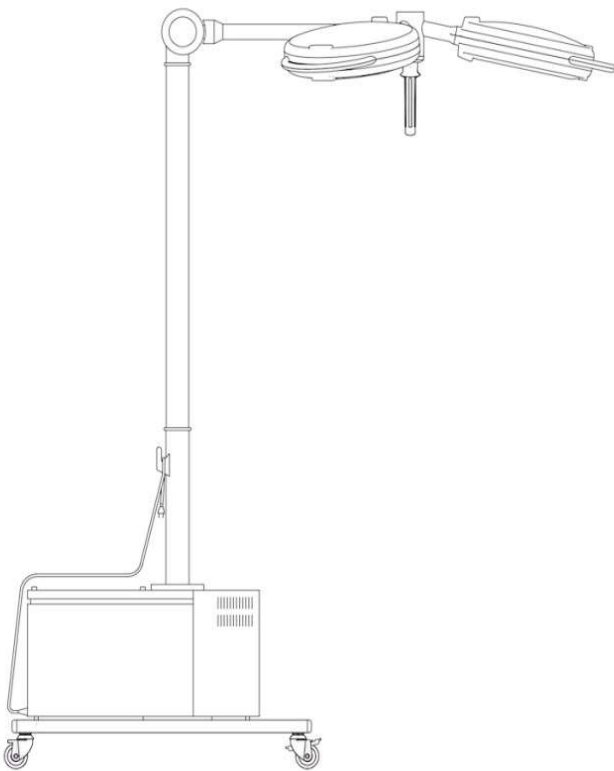
Domes - three separated light sources, in the case of failure of one of them, the other two sources provide adequate illumination. The dome doesn't have any external screws and other fasteners. The smooth surface and perfectly matched components, guarantee keeping it perfectly clean.

Construction and properties of operating and surgery lights as well as surgery sets **SOLIS 160** ensure meeting of all requirements with respect to the illumination of operating/surgery field, binding for the equipment of this kind. A new construction of lightheads consists in the application of a „slim” version of the projector enclosure, characterized by a high protection degree .



## TECHNICAL DATA

Solis 160F mobile operating lamp  
Solis 160FA mobile operating  
lamp with battery backup



LIGHTHEAD	SOLIS 160
Power supply voltage	100-240 V; 50-60 Hz
Lifetime of LEDs	50,000 h
Light intensity a distance of 1m ( $E_c$ )	160 000 lx
Adjustable light intensity	25 ÷ 100%
Colour temperature	4400 K
Number of LEDs	54 in 3 modules
Colour rendering index $R_a$	96
Operating field diameter $d_{10}$	220 mm
Working time on batteries for Solis 160FA	Up to 6 h
Automatic change over to battery in case of mains supply failure and back for SOLIS 160FA	yes
Adjustable diameter of the operating field	Yes
Depth of illumination $L_1+L_2$ (20%) $L_1+L_2$ (60%)	70 cm 47 cm
Power consumption for the lighthouse	50 W
Temperature increase near surgeon's head	< 0,5°C
Insulation class	I
Protection degree provided by lighthouse enclosure	IP43

Lighting parameters given with a tolerance of +/- 5%  
On special order FAMED Łódź S.A. can offer the above-mentioned lamps with a modified appearance, parameters and functions.



The product meets the requirements of the Regulation (EU) 2017/745 of the European Parliament and of the Council of 5th April 2017, and European standards IEC 60601-1-2011, IEC 60601-2-41:2010, IEC 60601-1-2-2015



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