SOLIS 160

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

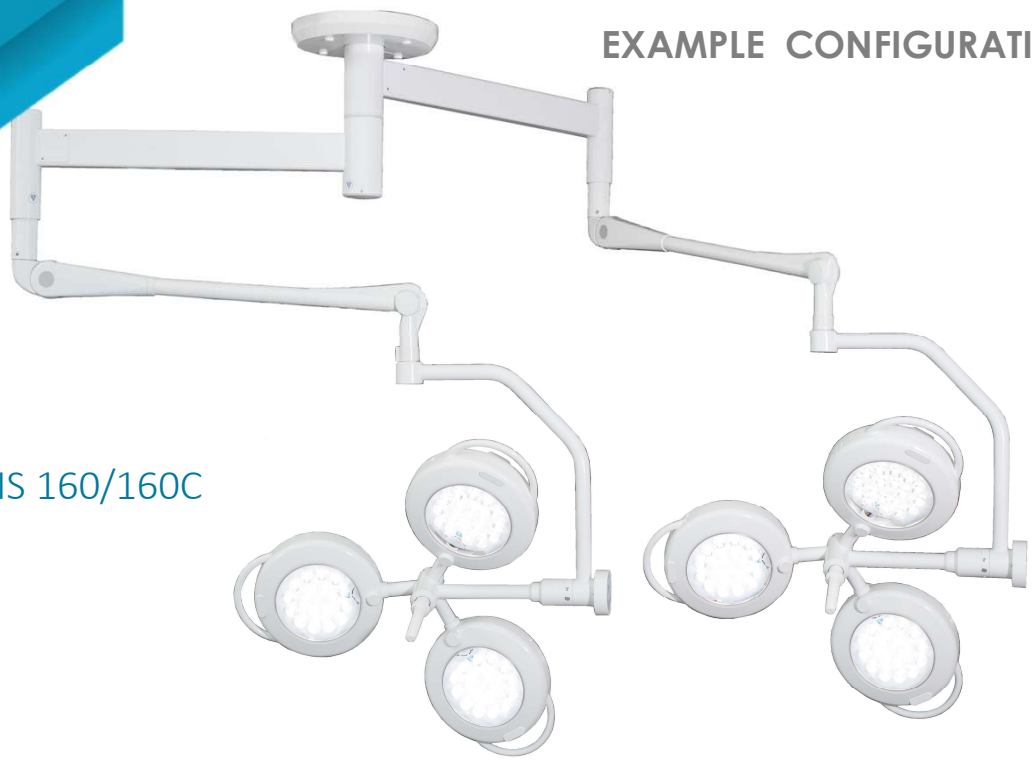
The sterile handle – enables focusing of the light spot of the operating field, ergonomic, placed in the center for easy access and positioning of the dome.

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 .

SOLIS 160

EXAMPLE CONFIGURATIONS



SOLIS 160/160C

SOLIS 160C

TECHNICAL DATA

LIGHTHEAD	SOLIS 160
Supply voltage	24V DC
Light intensity a distance of 1m (E_c)	160 000 lx
Adjustable lighy intensity	25 ÷ 100%
Colour temperature	4400 K
Colour rendering index R_a	96
Operating field diameter d_{10}	210 mm
Light spot diameter d_{50}	105 mm
Adjustable diameter of the operating field	Yes
Depth of illumination L_1+L_2	50 cm
Power consumption for the lighthead	50 W
Temperature increase near surgeon's head	< 1°C
Insulation class	I
Protection degree provided by lighthead 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.

TÜV NORD
TÜV NORD Polska Sp. z o.o.
PN-EN ISO 13485

CE

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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new technologies in good light