



## SOLIS 60



Movements are possible thanks to the sterilizable handle. The ergonomic design guarantees a high handling and the versions available allow use in any surgery or laboratory.



The arm moves vertically thanks to a spring-compensated balancing system, has a side full-circle handling without any stops.



With innovative „no touch” control light intensity can be adjusted to your personal needs.

The circular reflector, designed to light up the work area thoroughly and suppress all the shadows, is equipped with handy, sterilisable handle to facilitate positioning. The lighting body, ultra-flat in order to not disturb the operator, is equipped with ultra-resistant polycarbonate screen which guarantees protection against possible accidental collisions. **SOLIS 60** can be easily positioned thanks to its rotation on 4 axis: the structure has a side full-circle handling without any stops. The arm moves vertically thanks to a spring-compensated balancing system. The reflector can be rotated on the vertical and horizontal axis.

**SOLIS 60** characteristics make it a unique lamp. The light intensity (over 60,000 lux at a distance of 1 m) and the technical performance suit a lamp for precision operations, in intensive care, recovery room and first aid station; its handy and non-bulky structure makes it suitable for diagnostic use, pre-operating theatres and test laboratories as well. With innovative „no touch” control light intensity can be adjusted to your personal needs.

## EXAMPLE CONFIGURATIONS



SOLIS 60W



SOLIS 60C



SOLIS 60/60C  
SOLIS 60/60W



SOLIS 60F  
SOLIS 60FA

## TECHNICAL DATA

| LIGHTHEAD                                                | SOLIS 60         |
|----------------------------------------------------------|------------------|
| Supply voltage                                           | 24V DC           |
| Light intensity a distance of 1m ( $E_c$ )               | 60 000 lx        |
| Adjustable light intensity                               | 50 ÷ 100%        |
| Colour rendering index $R_a$                             | 97               |
| Colour rendering index R9                                | 96               |
| Colour temperature                                       | 4400 K           |
| Operating field diameter $d_{10}$                        | 25 cm            |
| Light spot diameter $d_{50}$                             | 13 cm            |
| Adjustable diameter of the operating field               | No               |
| Depth of illumination $L_1+L_2$ (20%)<br>$L_1+L_2$ (60%) | 194 cm<br>120 cm |
| Power consumption for the lighthead                      | 20 W             |
| Insulation class                                         | I                |
| Protection degree provided by lighthead enclosure        | IP20             |

Lighting parameters given with a tolerance of +/- 10%  
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 60601-2-41:2022, IEC 60601-1-2-2015