



## SOLIS 30

Wherever you need to conduct a clinical exam, **SOLIS 30** will be at your side to guarantee optimal lighting in all situations. **SOLIS 30** light delivers 30,000 lux at 1 m, providing ideal illumination for all medical specialities. With faithful colour rendering (CRI 97), the **SOLIS 30** is particularly well suited for dermatology. The use of LEDs ensures that the light does not give off heat. With rail-mounted, mobile, ceiling, and wall versions available, **SOLIS 30** is suitable for all work environments.

The **SOLIS 30** uses LEDs which have a considerably longer service life than halogen bulbs, leaving practitioners free to devote all their time to patients. The round and ultra-flat shape of the light makes the product ergonomic and suitable for any type of installation. The smooth and rounded shape of the dome makes it easy to clean and disinfect. The radial layout of the lenses and lamp diameter permit shadow suppression and three-dimensional lighting.



The ergonomic stand facilitates the positioning of the lamp in the room.



The "gooseneck" type arm and adjustable height offers greater adjustment possibilities of the lamp in the room.



The fluid adjustment range of the luminous intensity from 15 to 100%.



## NEW TECHNOLOGIES IN GOOD LIGHT

Intensity light  
adjustment  
On/Off

8 LED's

SOLIS 30C

Light head	SOLIS 30
Power voltage	24 V DC
Light intensity at distance of 1 m.	30 000 lux
Light intensity at 50 cm	65 000 lux
Range of light intensity adjustment	15 -100%
Colour rendering index Ra	97
Colour temperature	4500 K
Operating field diameter D10	27 cm
Operating field diameter D50	14 cm
Temperature increase near surgeon`s head	<1°C
Illumination depth L1+L2	130cm
Power consumption	15 W
Insulation class	I
Level of protection	IP20

Mobile  
version



**Ce Cert.**  
PN-EN ISO 13485:2016



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# SOLIS 30X



NEW  
TECHNOLOGIES  
IN GOOD LIGHT



Discover the power of reliability with the **Solis 30X** Diagnostic Lamp!

In the world of medicine and cosmetology, appropriate lighting is **the key to effective diagnostics and precise work**. We present the new Solis 30X Diagnostic Lamp – a unique combination of functionality and versatility that will **revolutionize your daily tasks**.

Why choose Solis 30X? Our lamp is not only perfectly suited for medical, dermatological, or veterinary practices, but it will also become an indispensable tool in your beauty and podiatry salon. With modern LED technology, the Solis 30X offers illumination of 30 000 lux and **excellent color rendering** (CRI 96), allowing for even more precise work. **The flexibility** of the Solis 30X has been designed with your convenience in mind. Its fully adjustable structure enables easy maneuvering of the arms, facilitating the achievement of the ideal angle and height of the light. You can effortlessly switch from a freestanding version to a wall-mounted option or install it on your countertop – all according to your needs! Designed for various settings, our lamp boasts **mobility and simplicity of installation**. Take advantage of the possibilities offered by the Solis 30X and elevate the standards of your services to a higher level. Let excellence illuminate your work! Don't wait – invest in the Solis 30X Diagnostic Lamp and ensure the highest quality of service for yourself and your clients. Discover how light can transform your work!



DOME  
MOVEMENT  
RANGE 300°



EASY INSTALLATION  
FOR A TABLETOP  
FROM 1 CM TO  
7 CM THICK



POSSIBILITY  
OF MOUNTING  
TO A TRIPOD  
IN AN EASY  
AND SIMPLE WAY

Light head	SOLIS 30X
Supply voltage	24 V DC
Light intensity at distance of 1 m	30 000 lux
Range of light intensity adjustment	15-100%
Colour rendering index Ra	97
Colour temperature	4500 K
Operating field diameter D10 2	27 cm
Operating field diameter D50	14 cm
Temperature increase around the operator's head	<1 °C
Illumination depth L1+L2	130 cm
Power consumption	14,5 W
Insulation class	I

# SOLIS 30X

INNOVATIVE LIGHTING  
FOR PROFESSIONAL  
MEDICAL APPLICATIONS

EXAMPLE CONFIGURATIONS



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# SOLIS 60



NEW  
TECHNOLOGIES  
IN GOOD LIGHT



**Lamps from the SOLIS 60** series are dedicated to treatment rooms, dental offices, gynecological offices and veterinary clinics, but they can also be used in hospital emergency departments (EDs), intensive care units (ICU) and for minor surgical procedures. **The two-dome version of SOLIS 60/60** is also suitable for major surgical procedures.

The SOLIS 60 light source consists of a module with 18 LEDs providing 60 000 lux illumination. The dome is made of plastic **with high heat resistance and mechanical strength**. The uniform dome, without visible fasteners, ensures easy cleaning of the lamp with disinfectants. The lamp is positioned using the sterile handle located at the bottom of the dome and the non-sterile handle on the side of the dome. The light intensity can be adjusted by turning the sterile handle. The following types of lamps are available in the SOLIS 60 series: ceiling, wall, mobile, single-dome and double-dome versions.



STERILE  
HANDLE  
FOR POSITIONING  
THE DOME



BALANCING  
ARM ALLOWING  
VERTICAL  
MOVEMENT



NON-STERILE  
HANDLE  
FOR DOMES  
POSITIONING

Light head	<b>SOLIS 60</b>
Supply voltage	<b>24 V DC</b>
Light intensity at distance of 1 m	<b>60 000 lux</b>
Range of light intensity adjustment	<b>50-100%</b>
Colour rendering index Ra	<b>97</b>
Colour temperature	<b>4400 K</b>
Operating field diameter D10 2	<b>25 cm</b>
Operating field diameter D50	<b>13 cm</b>
Temperature increase around the operator's head	<b>&lt;1 °C</b>
Illumination depth L1+L2	<b>120 cm</b>
Power consumption	<b>20 W</b>
Insulation class	<b>I</b>

# SOLIS 60

INNOVATIVE LIGHTING  
FOR PROFESSIONAL  
MEDICAL APPLICATIONS

EXAMPLE CONFIGURATIONS



SOLIS 60/60W



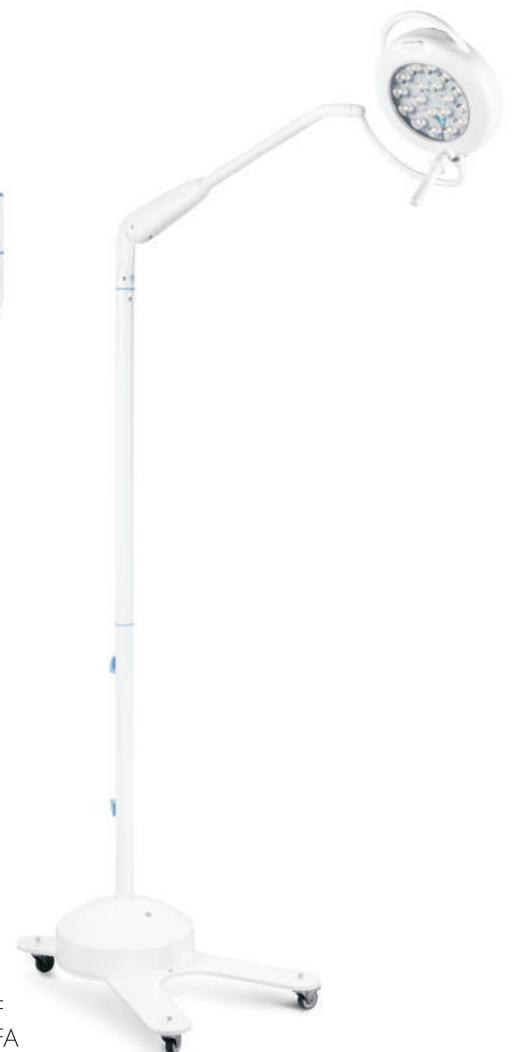
SOLIS 60W



SOLIS 60C



SOLIS 60/60C



SOLIS 60F  
SOLIS 60FA



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# SOLIS 130



NEW  
TECHNOLOGIES  
IN GOOD LIGHT



Light has a huge impact on the course of surgery and is essential for both complex and standard surgical procedures. With this in mind, we created the **SOLIS 130 lamp** equipped with **the latest LED technology**, which provides precisely concentrated bright light at a power of **130 000 lux**, perfectly mimicking natural daylight. This allows surgeons to have better visibility during every stage of the procedure, even though every situation, tissue type, and user is different. In today's world, versatile lighting is needed to guarantee **comfort of work** and excellent color reproduction in the surgical field. The adjustable arm design allows flexible positioning of the lamp, ensuring direction of the light beam towards the chosen area. When designing the SOLIS 130, we focused on **simple and intuitive operation** and a wide range of applications. The SOLIS 130 is not just an operating lamp- it is a partner that provides **reliable support** during demanding surgical procedures. The SOLIS 130 lamps are available in ceiling-mounted, wall-mounted and mobile versions.



ADJUSTABLE  
COLOR  
TEMPERATURE



THE LIGHT  
INTENSITY CAN  
BE ADJUSTED  
BY THE CONTROL  
PANEL



LIGHT INTENSITY  
CAN BE ADJUSTED  
BY USE OF  
STERILE HANDLE

Light head	<b>SOLIS 130</b>
Supply voltage	<b>24 V DC</b>
Light intensity at distance of 1 m	<b>130 000 lux</b>
Range of light intensity adjustment	<b>25-100%</b>
Colour rendering index Ra	<b>97</b>
Colour temperature	<b>4000 / 4400 / 4800 K</b>
Operating field diameter D10	<b>24 cm</b>
Operating field diameter D50	<b>13 cm</b>
Temperature increase around the operator's head	<b>&lt;1 °C</b>
Illumination depth L1+L2	<b>125,5 cm</b>
Power consumption	<b>55 W</b>
Insulation class	<b>I</b>

# SOLIS 130

INNOVATIVE LIGHTING  
FOR PROFESSIONAL  
MEDICAL APPLICATIONS

EXAMPLE CONFIGURATIONS



SOLIS 130W



SOLIS 130C



SOLIS 130F



SOLIS 130/130C



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# SOLIS 160



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## SOLIS 160

The design and operating characteristics of the **SOLIS 160** surgical lights and surgical equipment ensure that all the requirements for illumination of surgical fields imposed on devices of this type are met. The new design of the luminaire is characterised by the use of a “slim” housing version and features a high degree of protection.



Control panel: easy to use, equipped with an on/off button and a light intensity adjustment.



A sterile support to adjust the focus of the light spot in the operating field, with an ergonomic design, placed inside means easy access and positioning of the dome.



Three independent light sources. No external screws or other fasteners on the dome, ensuring the lamp remains in perfect clean condition.

## NEW TECHNOLOGIES IN GOOD LIGHT

For more information, please visit [www.famed.pl](http://www.famed.pl) in the products tab

# SOLIS 160



Light head	SOLIS 160
Power voltage	24 V DC
Light intensity at distance of 1 m.	160 000 lux
Range of light intensity adjustment	25 -100%
Colour rendering index Ra	96
Colour temperature	4400 K
Operating field diameter D10	26 cm
Operating field diameter D50	14 cm
Temperature increase near surgeon`s head	<1°C
Illumination depth 20% L1+L2	100cm
Power consumption	52 W
Insulation class	I
Battery backup*	Until 6 h

*The lighting parameters are indicated with a tolerance of +/- 5%. Upon special request, FAMED Łódź S.A. can offer the above-mentioned lamps with modified appearance, parameters, and functions.  
\*FA Version*



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