

HELIOS 160



NEW
TECHNOLOGIES
IN GOOD LIGHT



The **HELIOS surgical lamp** is designed specifically for operating rooms, but it can also be used in treatment rooms, emergency departments (ED), oral surgery offices and veterinary clinics. **Its modern and monolithic dome construction** facilitates easy cleaning, ensures ergonomic use, and provides excellent compatibility with laminar airflow. The dome is made of a special blend of materials that offers **a long service life**. The dome consists of three (HELIOS 160) independent LED panels containing a total of 54 diodes or four (HELIOS 160 M) independent LED panels with a total of 60 diodes, allowing the HELIOS light to achieve an illumination intensity of up to **160,000 lux**. HELIOS lights are equipped with **an endo function**, featuring nine levels of intensity adjustment for use during endoscopic procedures. Positioning and maneuvering the light is made possible by a sterile handle located in the center of the dome and two non-sterile handles on its casing. The sterile handle includes a quick on function and is used to adjust the light field diameter. A key advantage of the HELIOS light is its simple and intuitive control panel integrated into the dome arm, allowing smooth light intensity adjustments and activation of the endo mode. HELIOS lights are available with **fixed** (HELIOS 160) or **variable color temperature** (HELIOS 160 M) and come in ceiling-mounted, wall-mounted, and mobile stand versions.



THREE OR FOUR
SEPARATE LIGHT
SOURCES, QUICK
SWITCH ON
FUNCTION
BY GENTLY TURNING
THE STERILE HANDLE



ADDITIONAL
ENDOSCOPIC
LIGHTING
FUNCTION
WITH NINE-STEP
INTENSITY
ADJUSTMENT



TWO
NON-STERILE
HANDLES ENSURE
EASY POSITIONING
OF THE LAMP

Light head	HELIOS 160	HELIOS 160 M
Supply voltage	24 V DC	24 V DC
Light intensity at distance of 1 m.	160 000 lux	160 000 lux
Range of light intensity adjustment	25-100%	25-100%
Colour rendering index Ra	97	97
Colour temperature	4400 K	4000/4400/4800 K
Operating field diameter D10	26 cm	26 cm
Operating field diameter D50	14 cm	14 cm
Adjustable diameter of the operating field	through sterile handle	through sterile handle
Temperature increase around the operator's head	<1 °C	<1 °C
Illumination depth L1+L2	60 cm	80 cm
Power consumption	55 W	55 W
Insulation class	I	I

HELIOS 160

INNOVATIVE LIGHTING
FOR PROFESSIONAL
MEDICAL APPLICATIONS

EXAMPLE CONFIGURATIONS



HELIOS 160/160C



HELIOS 160C M



HELIOS 160F



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