



IGNIS 160



The camera and surrounding diodes - the lamp can be equipped with HD camera which can be operated using two control panels placed on the dome. The central light panel guarantees excellent penetration of light, whenever it is required. Additionally, it provides a homogeneous spot of light in the operation field, irrespective of the distance of the dome. The copula is covered with safety glass ensuring easy disinfection and preserving unchanged light and camera parameters.



The lamp is equipped with the independent function of endoscope light, located on the upper part of the dome. As a result of the research and consultation with the doctors we used a green color light, which ensures the best representation of the red color, so important during endoscope procedures.



The control panel – the possibility to control light and camera parameters, using only one control panel. The dome has two identical control panels, which makes it simple to steer the lamp parameters independently of the location of the dome.

Lightweight, compact design with a circular shape of the dome. The casing is made of powder coated aluminum with the safety glass on the bottom part. The construction guarantees easiness of use and cleaning, perfect cooperation with the laminar air-flow. By applying a small amount of external elements the dome is well protected against water and dust. Two handles – the sterile handle allows focusing of the light spot. The non-sterile handle surrounds the dome in more than 75% of its circumference, which provides independent access and makes the positioning very easy. The unique solution are two control panels located on the dome opposite each other, which provides a good access independently of the position of the operator. Additionally, these panels allow to control not only the parameters of the light but also the parameters of the image (option with the HD camera).

The operating light **IGNIS 160** uses, as a source of light white LED diodes. **IGNIS 160** is equipped with an independent option of green light for the endoscope procedures, as well as a function of the additional illumination of the surgical field, effective even in cases of the deepest surgeries.



EXAMPLE CONFIGURATIONS

IGNIS 160CAM/TV/160C



IGNIS 160C
IGNIS 160CAM C



IGNIS 160CAM W
IGNIS 160 W



IGNIS 160/160C
IGNIS 160CAM/160 C



TECHNICAL DRAWING



IGNIS 160CAM/TV C



IGNIS 160F
IGNIS 160FA

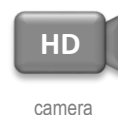
TECHNICAL DATA

LIGHTHEAD	IGNIS 160
Supply voltage	24V DC
Light intensity a distance of 1m (E_c)	160 000 lx
Adjustable light intensity	25 ÷ 100%
Colour rendering index R9, R_a	96
Colour temperature	3500 / 4400 / 4800 K
Operating field diameter d_{10}	250 mm
Light spot diameter d_{50}	120 mm
Adjustable diameter of the operating field	Yes (sterile handle)
Depth of illumination L_1+L_2 (20%) (60%)	140 cm 85 cm
Power consumption for the lighthead	55 W
Insulation class	I
Protection degree provided by lighthead enclosure	IP 54



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

Video path options available:



camera



monitor

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.