

FAMED LODZ S.A.

Excellence through experience,
for over 75 years.

IGNIS 160/160C

Operating Light

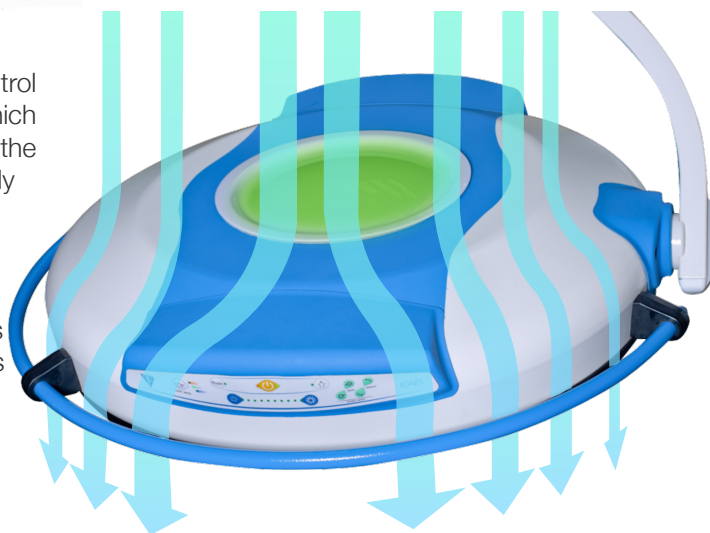
IGNIS 160 - lightweight, compact design with a circular shape. The casing is made of powder coated aluminium with the safety glass on the bottom part. The construction guarantees easiness of use and cleaning.

By applying a small amount of external elements the dome is well protected against water and dust.

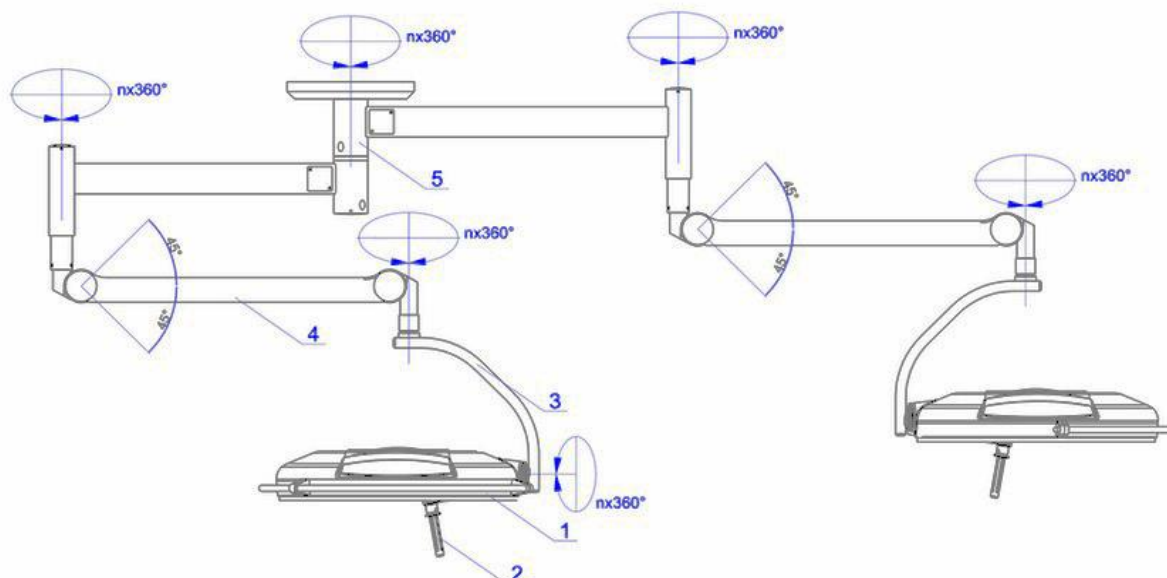
IGNIS 160 is equipped with two independent handles. The sterile handle allows focusing of the light spot. The non-sterile handle surrounds the dome in more than 75% of its circumference, which provides independent access and makes the positioning very easy.

The unique solution applied in **IGNIS 160** 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.

IGNIS 160 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.



Technical drawing



Operating light IGNIS 160/160C

Parameters

Lighthead	IGNIS 160	IGNIS 160
Equipped with HD camera	No	No
Supply voltage for lighthead	24V DC	24V DC
Light intensity at a distance of 1 m (Ec)	160 000 lx	160 000 lx
Adjustable light intensity	25÷100%	25÷100%
Colour rendering index Ra	96	96
Colour temperature	4000 - 4800 K	4000 - 4800 K
Operating field diameter d10	280 mm	280 mm
Light spot diameter d50	140 mm	140 mm
Adjustable diameter of the operating field	yes	yes
Temperature increase near surgeon's head	< 1°C	< 1°C
Bulb type	LED	LED
Power consumption	160 W	160 W
Supply Voltage	100 - 240V AC	100 - 240 V AC
Protection degree provided by Power supply and Lighthead enclosure	IP 30 / 54	IP 30 / 54



Our products meet the requirements of the European Directive
MDD 93/42/EEC
 and European standards
IEC 60601-1-2011, IEC 60601-1-2-2007



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