

TECHNICAL PROPERTIES

Technical details of light	GOLDEN LIGHT		
Irradiance / Illumination [mW/m ² /lx]		3.47	
Illumination E _c at 1 m +- 10% [lux]	160,000	Max radiation in UV [W/m ²]	0.002
Colour temperature [K]	4,000 - 4,600	Power connection details	
Colour rendering index Ra [-]	95	Primary alternate voltage [Volt ac]	100 - 240
Ra [-]	> 90	Frequency [Hz]	50 / 60
Light field diameter d10 [mm] (D)	260	Absorbed power [VA]	71
Light field adjustment - to - [mm]	110 - 350	Light Source	No. 81 LEDs
Lighting depth L1+L2 [cm] at 60%	81	Duration of LED diode light source (this figure can vary according to power peaks and operating frequency)	50,000
Max radiation [W/m ²]	556	Light intensity control [%]	25 - 100



RIMSA

RIMSA

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RESEARCH & COMPONENTS

HAND-MADE IN ITALY

Rif. Gennaio 2020



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vet

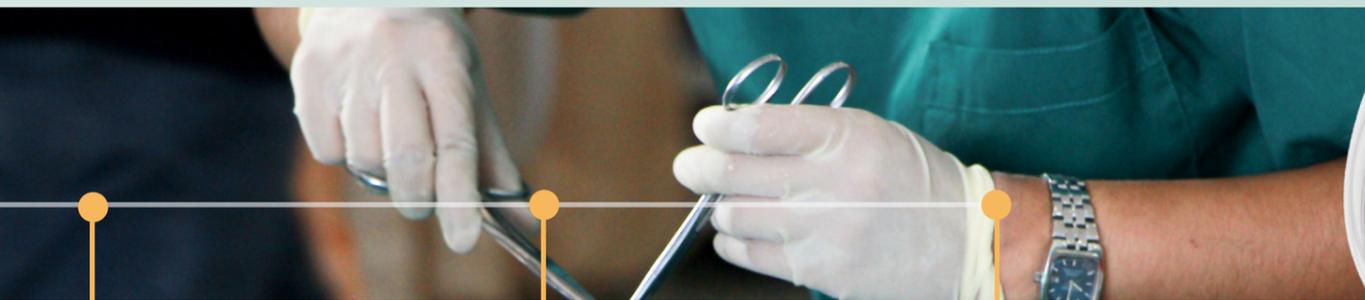
GOLDEN

Golden Light is the only available lighting solution purposely **conceived**, **designed** and **manufactured** for **veterinary purposes**.

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In **2002** we introduced the very **first LED surgical light** when the technology was still in its infancy

in **2017** we patented the world **first 100% glare-free surgical light** thus offering a solution to any visual impairments due to the lighting

2020 we pioneered the surgical lighting market with a further achievement: a **Vet specifically designed surgical light**



FIRST VETERINARY SURGICAL LIGHT

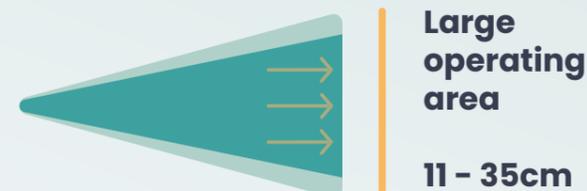
Golden Light stands as the only available lighting solution purposely conceived, designed and manufactured for veterinary purposes. Conscious of the many differences to human surgical lighting both in terms of design and use, RIMSA's engineers spent their efforts to come up with this ultimate solution.

The use of RIMSA's "**always on focus**" technology, makes it possible to have a focalized light at any distance. The surgeon can thus **freely move the light** within the working range distance and the light would always be on focus

The **adjustable lighting field** can be set at any size from 110 up to 350 mm thus offering the surgeon an extremely **large operating area**. A wider lighting field

compared to that offered by a traditional surgical light allows the surgeon not to move the light-head throughout the operation.

The **lighting field diameter** can be easily **increased** or **decreased** through a capacitive sensor **on the sterile handle** thus offering the surgeon full control of the light.



The smoothness and flexibility encountered by the surgeon in maneuvering the light is made possible by an **ad hoc arm structure** specifically designed and manufactured by RIMSA for the Golden Light.

The meticulous **calibration** of the lamp's weights guarantees the stability of the light-head and **prevents** from any **unwanted movements**. The easiness to move allows the product to be **used by** the surgeon **himself**, without the need for any further assistance which might not be always available.

Golden Light has been designed to offer cleaning easiness and respond to the principles of **ergonomic**. The polycarbonate screen confers **high resistance against scratches**.

Golden Light can be **controlled from a membrane** on the side of the light head or remotely with an IR controller or from a wall panel. Among the available selection:

- *color temperature* (from 4000 to 4600k)
- *dim the light intensity*
- *activate and deactivate endo light* (a support light for endoscopy or to be used to light up the room).

Golden Light truly cares for veterinary surgeon's needs, Golden light is not a traditional surgical light adapted for veterinary purposes both rather a vet specific surgical light with a larger field diameter and designed to allow for the surgeon to work without the assistance of a medical equipe.

