



2020

2 Functional

*Quattroluci led*

1 Simple

LAMP MODEL

3 Indispensable



4 Engaging

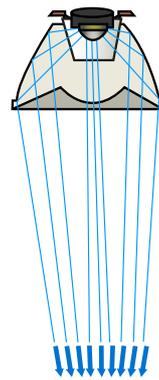


**Four Everyone**

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strength!**

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Brightening Ideas



QUATTROLUCI  
purposedly designed LED lens



## Quattroluci led

is a concentration of unparalleled-performance technology, the best for a lamp for surgery.

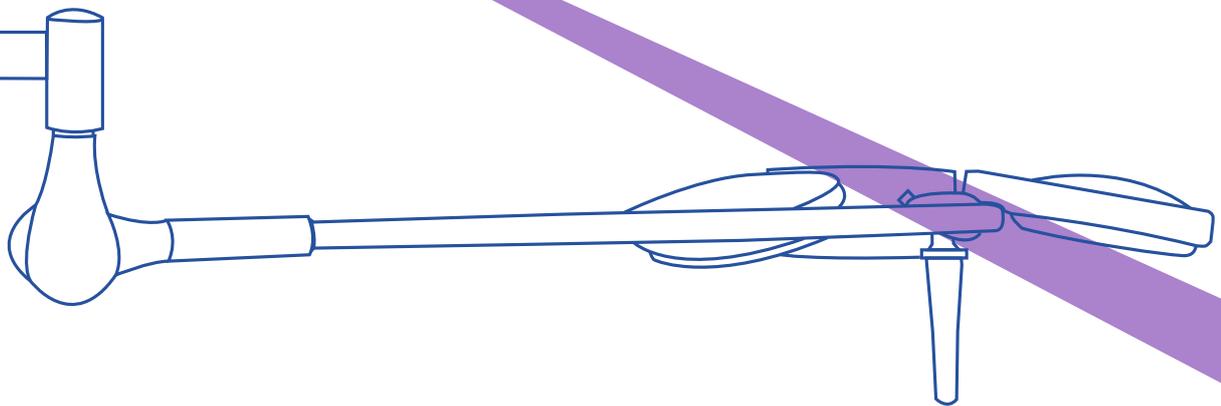
Its aerodynamic design and extremely handy structure is permeated by the strong determination of **Rimsa** heart, a synonym of high technology, quality and performance ever since.

The multi-circular reflector, designed to light up the work area thoroughly and suppress all the shadows, is equipped with handy side handles to facilitate positioning. The lighting body, ultra-flat in order to not disturb the operator, is equipped with ultra-resistant polycarbonate screen which guarantees protection against possible accidental collisions.

QUATTROLUCI LED can be easily positioned thanks to its rotation on 4 axes.



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## Quattroluci led

is especially recommended for operating theatres where the surgeon needs a small lamp to avoid interference with other overhead equipment. Excellent for oral and maxillofacial surgery and aesthetic plastic surgery. The dome consists of 36 LED lenses arranged radial fashion on 4 module of 9 LED each to suppress shadows and ensure three-dimensional lighting.

The modular design of the LEDs ensures light continuity even in the rare case of a fault affecting an individual LED. The high efficiency of the LED sources and the low current absorption permit obtaining very low IR emissions and a cold light in the operating field. Light intensity is 160,000

## PERFORMANCES

Light intensity at 1m distance (Ec)	Klx	160
Light head diameter	cm	60
Color temperature	K	4700 ± 5 %
Color rendering index (CRI) R9	Ra	94 ≥ 90
d10 light field diameter where illuminance reaches 10% of Ec	mm	270
Light field diameter	mm	340
Depth of illumination IEC60601-2-41 (L1+L2) at 60%	mm	1090
Depth of illumination IEC60601-2-41 (L1+L2) at 20%	mm	1740
Total radiated energy Ee where the illuminance reaches max level	W/m <sup>2</sup>	570
Ratio between radiated energy Ee and illuminance Ec	mW/ m <sup>2</sup> .lx	3,47
Max radiation	W/m <sup>2</sup>	0,039
Average LED life	hours	>60.000
Control of illuminance	%	20 - 100%

## ELECTRICAL DATA

Primary alternating voltage (a.c.)	100 - 240
Frequency	50 / 60
Electrical absorption	60
No. of LED	36

## TEST

Remaining illuminance with one mask	60%
Remaining illuminance with two masks	55%
Remaining illuminance with tube	103%
Remaining illuminance with tube and one mask	62%
Remaining illuminance with tube and two masks	58%

## VERSIONS AVAILABLE

- CEILING SINGLE QUATTROLUCI LED ceiling
- CEILING DOUBLE QUATTROLUCI LED + QUATTROLUCI LED
- WALL MOUNTED QUATTROLUCI LED
- MOBILE QUATTROLUCI LED

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