

PENTALED 63N

N-SERIES



RIMSA

Brightening Ideas



www.rimsa.it

LAMP MODEL PENTALED 63N

Cutting-edge solutions designed by our engineers combine revolutionary new technology with consolidated concepts, such as “WHITE LIGHT” and “INDIRECT LIGHT”, as used in the RIMSA PentaLED series.

Designers of the world’s first scialytic lamp using LED technology (patented in September 2002), RIMSA now applies the experience it has gained over the years to its new PENTALED N-Series.

Indirect light

The indirect light provided by all PentaLED lamps guarantees cold light, depth and no stress or dazzling for the surgeon. This is due to especially calculated parabolic dishes that reflect the entire spectrum of light emitted by each LED lamp in a punctiform manner, without dispersion.

Manual focus

The manual focalization inside the sterile area grants a precise and immediate control of the light field.

The Focus function is activated by the surgeon rotating the sterile central handle.

The possibility of adjusting the focalization every time the lamp is moved, allows to optimize the light flux and adapt the light field diameter according to the different surgeries.

White light

Nature has always inspired man’s every discovery! The sun is the light source par excellence and its rays emit monochromatic light, i.e. identical colour. Using this as a starting point, RIMSA has designed lamps that use only “white light” LEDs to avoid the risk of surgeons perceiving variations in the colour temperature (°K) within the operating field and to prevent unnecessary coloured shadows.

ENDOLED

The EndoLED function provides comfortable lighting during endoscopic surgery. When enabled, this function lights up a single module whose light intensity and colour temperature can be adjusted at will.

E-VIEW

The E-View system lets the surgeon adjust the extent of the lit field to get the right type of light for each surgical procedure.



PERFORMANCES

| | | |
|--|----------|-------------|
| Light intensity at 1m distance (Ec) | Klx | 160 |
| Color temperature | K | 4.500-5.000 |
| Color rendering index (CRI) | Ra | 96 |
| R9 | | ≥ 90 |
| d10 light field diameter where illuminance reaches 10% of Ec | mm | 260 |
| Light field diameter adjustable from – to – | mm | 160-300 |
| Depth of illumination IEC60601-2-41 (L1+L2) at 60% | cm | 56 |
| Depth of illumination IEC60601-2-41 (L1+L2) at 20% | cm | 108 |
| Total radiated energy Ee where the illuminance reaches max level | W/m2 | 580 |
| Ratio between radiated energy Ee and illuminance Ec | mW/m2.lx | 3,68 |

ELECTRICAL DATA

| | | |
|------------------------------------|-------|-----------|
| Primary alternating voltage (a.c.) | V | 100 – 240 |
| Frequency | Hz | 50/60 |
| Absorbed power | VA | 70 |
| Light head diameter | Cm | 63 |
| No. of LED | Led | 72 |
| Average LED life | hours | >60.000 |

VERSIONS AVAILABLE:



-CEILING SINGLE
Penta63 ceiling

(code **PENTA63NSO**)



-CEILING DOUBLE
Penta63N+63N

(code **PENTA63N+63N**)



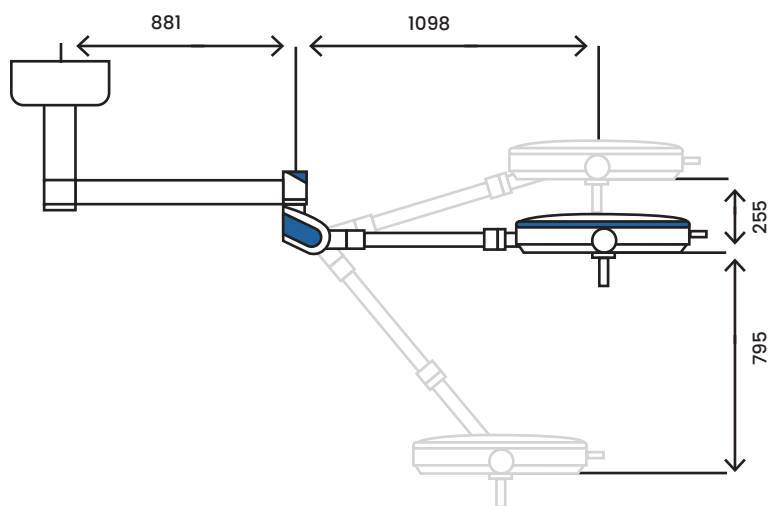
-CEILING DOUBLE
with satellite Penta63N+30N

(code **PENTA63N+30N**)

OPTIONAL:

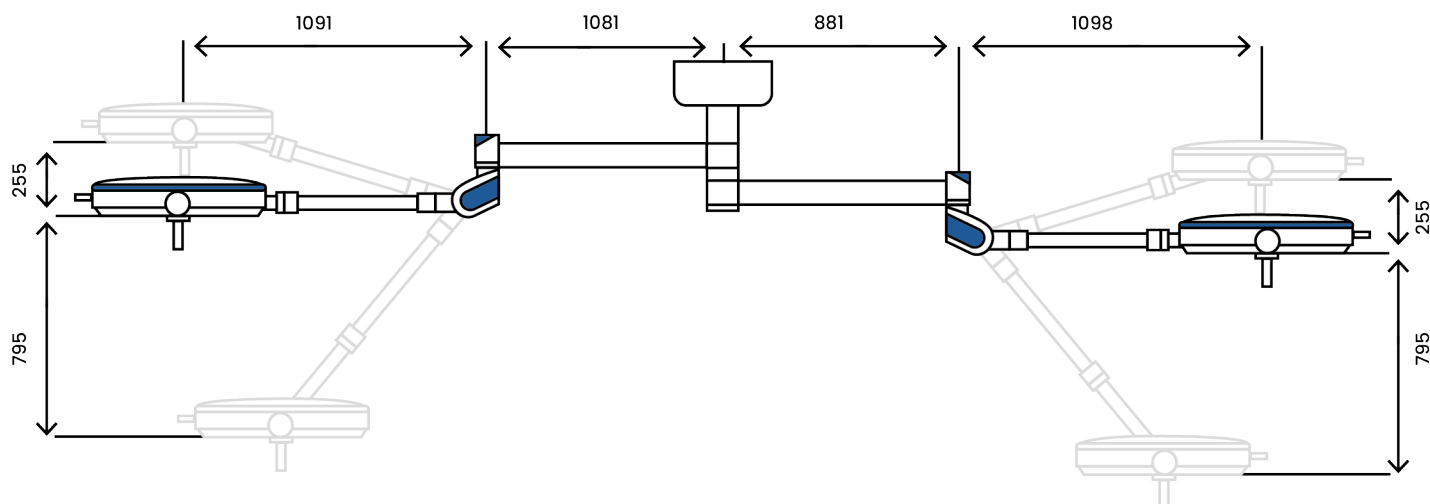
- BATTERY GROUP
- HD CAMERA (HD-SDI signal)
- IR remote control
- WALL CONTROL PANEL
- Additional arm for Monitor
- Additional arm for double Monitor

PENTA63NSO



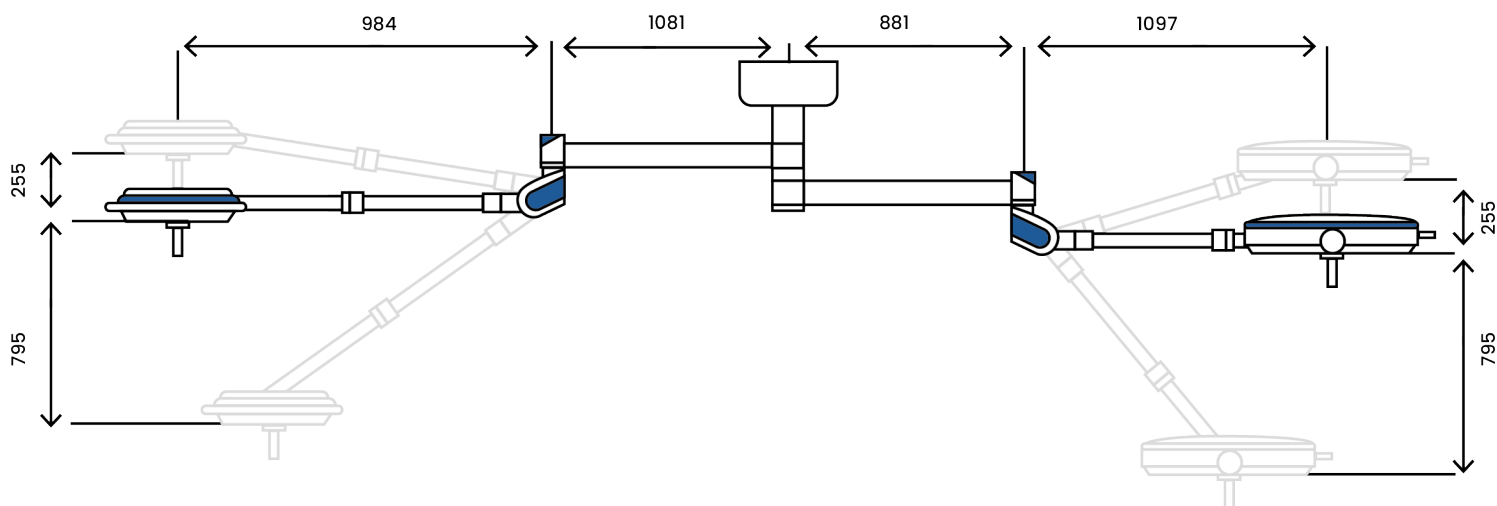


PENTA63N+63N





PENTA63N+30N



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MADE IN ITALY



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