

# PENTALED N-SERIES

## MANUAL DIAMETER ADJUSTMENT

The PentaLED N-series made a breakthrough in medical lighting. It has been the first LED surgical light ever displayed to the public. 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.

**PENTALED 63 N**

**PENTALED 30 N**





PENTA30N+30N



PENTA30NPI



PENTA30NSO



PENTA63N+30N



PENTA63N+63N



PENTA63NSO

## Performances

### 63 N

### 30 N

Light intensity at 1 m distance (Ec)	160.000 lux	160.000 lux
Light head diameter	63 cm	40 cm
Color temperature	2 selections: 4.500 – 5.000K	2 selections: 4.500 – 5.000K
Color rendering index (CRI)	96 Ra	96 Ra
Diameter adjustment	Manual	Manual
d10 light field diameter where illuminance reached 10% of Ec	260 mm	220 mm
Light field diameter adjustable from-to	160 – 300 mm	140 – 280 mm
Depth of illumination IEC 60601-2-41 (L1+L2) at 60%	560 mm	700 mm
Depth of illumination IEC 60601-2-41 (L1+L2) at 20%	1080 mm	1150 mm
Total radiated energy Ee where the illuminance reaches max level	580 W/m <sup>2</sup>	580 W/m <sup>2</sup>
Ratio between radiated energy Ee and illuminance Ec	3,68	3,68
Average led life	> 60.000	> 60.000
Control of the illuminance	20 – 100 %	20 – 100 %
Electrical absorption	59 W – 70 VA	52 W – 60 VA

Directive 93/42/EEC (main directive and further amendments) – Norm IEC 60601-2-41

#### MAIN FEATURES



#### ACCESSORIES

