

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





-CEILING DOUBLE
PentaLED 30N+30N
(code PENTA30N+30N)



-MOBILE
PentaLED 30 N mobile
(code PENTA30NPI)



-CEILING SINGLE
PentaLED 30N ceiling
(code PENTA30NSO)



-WALL MOUNTED
PentaLED 30N
(code PENTA30NPA)



-CEILING DOUBLE
with satellite PentaLED 63N+30N
(code PENTA63N+30N)



-CEILING DOUBLE
PentaLED 63N+63N
(code PENTA63N+63N)



-CEILING SINGLE
PentaLED 63N ceiling
(code 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	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	205 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	650 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 ²	580 W/m ²
Ratio between radiated energy Ee and illuminance Ec	3,68	3,67
Average LED life	> 60.000 hours	> 60.000 hours
Control of the illuminance	20 - 100 %	20 - 100 %
Electrical absorption	60 W - 67 VA	52 W - 60 VA

Regulation (EU) 2017/745 of the European Parliament and of the Council, of 05th April 2017 – Norm IEC 60601-2-41

MAIN FEATURES



ACCESSORIES



(PENTALED 63N ONLY)