PENTALED 63N+30N THEATRE LIGHT - ceiling double



Product Code	49201
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	No
CH-REP	No

RDM (NSIS)	2396331
CND	Z12010701
EAN/UPC	8023279492019

Description

PENTALED 63N THEATRE LIGHTS - CEILING

PENTALED 63N+30N double - 320,000 LUX - compact
Ceiling >3.53 m requires code 49220

High-tech product designed to guarantee excellent performance levels.
PENTALED 63N has 72 elliptical reflectors (30 reflectors PENTALED 30N) split into 8 modules, each containing 9 LEDs. The multiplicity of the luminous sources and the elliptical geometry of the parabolas studied to reflect in the depth the light beams generated by the LEDs, grant scialytic light for a 3D illumination without shadows. Complies with EU2017/745 'Class I - MD.

Comfortable use
Principle of indirect light allows different light positions without dazzling the surgeon. The modules are mechanically focused by rotating the sterilizable handle.

Superior lighting features
Membrane keyboard activates the following functions:
• selection of the colour temperature 5,000°K and 4,500°K
• adjustment of the light intensity up to 160 Klx
• endoled light with colour selection (comfortable light for endoscopy intervention)
• on/off
The colour temperature of 5,000°K stimulates the surgeons' concentration, does not strain their sight, reproduces the colour of the tissues faithfully and increases the definition of the edges.

Reliable and long lasting performances
The modular construction of the electronic board that feeds the LEDs guarantees continuous light, even if a LED or board component fail. The lighting body is protected by tempered glass screen, covered by a special film.

Easy manoeuvrability and high stability
The extremely light structure, the aluminium treated bar attached to the upper front of the cupola, the ultra-thin dome (only 13 cm) allow simple movements. Smooth 360° rotation.

Battery group, tvcC camera, monitor holding arm on request

QR manual: GB, FR, IT, ES, PT

Made in Italy.

Technical Specifications

PENTALED 63N - Technical Specifications
Light intensity at 1 m distance (Ec): 160 klx
Colour temperature (double selection): 4,500 / 5,000 °K

Colour rendering index (CRI): 96 Ra
Light field diameter (adjustable): 16-30 cm
Total radiated energy Ee at max level: 580 W/m²
Number of LED: 72
Diameter and focus adjustment: Manual
Depth of illumination IEC 60601-2-41 L1+L2 at 60%: 56 cm
Depth of illumination IEC 60601-2-41 L1+L2 at 20%: 108 cm
Control of illuminance: 20-100%
Endo LED light intensity (min-max): 5-20 klx
Operating power (VAC): 100-240 V - 50/60 Hz - 24 V
Electrical absorbed power: 67 VA
Average LED life: 60,000 h
Colour: RAL 9003
Minimum height of the room: 260 cm
Outer reflector diameter: 63 cm
Useful lighting surface: 1,828 cm²
Weight: 47 kg

PENTALED 30N - Technical Specifications
Light intensity at 1 m distance (Ec): 160 klx
Colour temperature (double selection): 4,500 / 5,000 °K
Colour rendering index (CRI): 96 Ra
Light field diameter (adjustable): 14-28 cm
Total radiated energy Ee at max level: 580 W/m²
Number of LED: 30
Diameter and focus adjustment: Manual
Depth of illumination IEC 60601-2-41 L1+L2 at 60%: 65 cm
Depth of illumination IEC 60601-2-41 L1+L2 at 20%: 115 cm
Control of illuminance: 20-100%
Endo LED light intensity (min-max): 9-25 klx
Operating power (VAC): 100-240 V - 50/60 Hz - 24 V
Electrical absorbed power: 60 VA
Average LED life: 60,000 h
Colour: RAL 9003
Minimum height of the room: 260 cm
Outer reflector diameter: 40 cm
Useful lighting surface: 762 cm²
Weight: 39 kg