



Product Code	49200
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	No
CH-REP	No
RDM (NSIS)	2396305
CND	Z12010701
EAN/UPC	8023279492002

## Description

### PENTALED 63N THEATRE LIGHTS - CEILING

PENTALED 63N - 160,000 LUX  
Ceiling >3.41 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
- endoed 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, tvC 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/m<sup>2</sup>  
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 cm<sup>2</sup>  
Weight: 47 kg