



Product Code	49116
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	Yes
CH-REP	Yes
RDM (NSIS)	2394223
CND	Z12010701
EAN/UPC	8023279491166
GMDN	12282

## Description

Pentaled 28 - ceiling (for ceiling from 2.54 to 3.34 m)  
Ceiling >3.34 m needs 30788

- 120,000 Lux at 1 m
- direct light with 28 LED lens
- double colour selection: 4,500 or 5,000 K
- light field adjustment

PENTALED is a perfect combination of technological developments, innovation, ergonomics and compact design, ultra-light and handy structure.

Five versions available (trolley, ceiling, ceiling double, trolley with battery group and wall) and technical performances make PENTALED suitable for precision operations, diagnostic use, surgical rooms and small surgeries.

Battery group, with an autonomy of 2 hours (Pentaled 12) or 1.5 hours (Pentaled 28), is available on request also for wall and ceiling models.

Cold LED light

Bright and cold light reproduces colours faithfully, assuring excellent definition of details.

Ergonomic

PENTALED can be easily positioned by rotation on 4 axes:

- the dome has a 300° rotation
- the arm moves vertically thanks to a spring balancing system
- the reflector can be rotated on the vertical and horizontal axis.

Movements are possible through the sterilizable handle.

60,000 hours life time

The low power supply current and the heat dispersion through aluminium dome allow the LED a 60,000 hours lifetime.

Light intensity adjustment

Light intensity adjustable through digital control

The ultra-flat lighting body is equipped with ultra-resistant polycarbonate screen which guarantees protection against accidental collisions.

The dome can be adjusted by the sterilizable handle

Made in Italy.

## Technical Specifications

Light intensity at 1 m distance Lux 120,000  
Colour temperature K° 4,500/5,000  
LED No. 28  
Average LED life hours 60,000

CRI (Chromatic rendering Index) Ra 95  
Diameter of illuminated field Ø mm 135-270  
Depth of illumination (L1+L2) at 60% cm 92  
Total radiated energy Ec W/m2 456  
Weight (ceiling, mobile, wall, double) kg 13-21-12-20  
Power supply V/Hz 100-240V, 50-60Hz  
Standards: IEC 60601-2-41, EU 2017/745, medical device of Class I