



Product Code	49118
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	Yes
CH-REP	Yes
RDM (NSIS)	2394234
CND	Z12010702
EAN/UPC	8023279491180
GMDN	12282

Description

Pentaled 28 - trolley with battery group and automatic charger

- 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 \varnothing mm 135-270

Depth of illumination (L1+L2) at 60% cm 92

Total radiated energy E_c 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