PENTALED 30E LIGHT SCIALYTIC LIGHT - trolley



Product Code	49230
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	Yes
CH-REP	Yes

RDM (NSIS)	2497363
CND	Z12010702
EAN/UPC	8023279492309

Description

PENTALED 30E LIGHT MINOR SURGERY LAMP

Pentaled - mobile - 160,000 Lux

Innovative and revolutionary lamp recommended for operating theatres where the surgeon needs a small lamp to avoid interference with other overhead equipment. Excellent for oral and maxillofacial surgery and aesthetic plastic surgery. It has 30 elliptical reflectors split into 6 modules, each containing 5 LEDs, providing 160,000 Lux. Complies with EU 2017/745.

Innovative design: same cupola of Pentaled 30E combined with lighter structure, making it even more cost-effective without compromising light quality.

Superior quality ensures reliability for critical surgical procedures.

Indirect light guarantees cold light, depth and no stress or dazzling for the surgeon. This is due to calculated parabolic dishes that reflect the entire spectrum of light emitted by each LED in a punctiform manner, without dispersion.

Light always on focus: “E-View” is a lens that lets the surgeon expand/narrow electronically the illuminated operating field, without altering the intensity of the light at the center of the field (Ec). Easy adjustment of the luminous field.

EndoLed function provides comfortable lighting during endoscopic surgery. It lights up a single module whose light intensity and colour temperature can be adjusted at will.

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

Made in Italy.

Technical Specifications

No. of LEDs: 30
Average LED life: > 60,000 hours
Colour temperature: 4,500/5,000 K
Colour rendering index: 96 Ra (CRI); >90 (R9)
Adjustable light field diameter:140-260 mm
Light head diameter: 40 cm
Light intensity at 1 m distance: 160,000 lux
Total radiated energy Ee where the illuminance reaches max level: 627 W/m2
Ratio between radiated energy Ee and illuminance Ec: 3,9 mW/m2 lux
Light field Ø where illuminance reaches 10% of Ec (d10): 210 mm
Depth of illumination IEC 60601-2-41 (L1+L2) at 20%/60%: 600 mm/950 mm
Power supply: AC 100-240 V, 50/60 Hz