GIMALED 29 LED LIGHT - ceiling - double



Product Code	49173
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	Yes
CH-REP	Yes

RDM (NSIS)	2395960
CND	Z12010701
EAN/UPC	8023279491739

Description

GimaLed - ceiling** - double - 320,000 Lux
**Ceiling >3.53 m needs 49220

GimaLed light with 29 LEDs: sophisticated design that combines excellent lighting features with exceptional mechanical characteristics for extra soft and stable movement.

Deep light: 9 fixed LEDs for central illumination and 20 LEDs (4 modules of 5 LEDs each) with electrical light field Ø control positioned laterally.

Shadowless light: 29 LEDs arranged on a round surface grant the best light emitting surface and avoid any shadow effect caused by any interposition between light beams and lighted surface.

Bright light: two colour selections, 4,500 and 5,000°K made of white LEDs only, to avoid coloured shadow effect.

- collimated light beams for a working distance from 70 to 140 cm
- high colour rendering index (CRI) 96, R9>90
- optimisation of LED thermal management by heat dissipation convection to avoid illuminance reduction during surgery
- indirect light provides cool, deep illumination to avoid surgeon's eyes fatigue and dazzle effect. Parabolas reflect the full spectrum of light emitted by each LED in a point-like manner, without dispersion
- light always in focus: different parabolas design allow to adjust electronically the Ø of the field
- the EndoLed function provides comfortable illumination during endoscopic interventions. It illuminates a single module whose light intensity and colour temperature are individually adjustable
- Zener to grant light even in the event of one LED failure
- low consumption, high efficiency

Electronic control of light adjustment, colour temperature, light field Ø and endoscopy light.

Made in Italy.

Technical Specifications

Light intensity at 1 m distance (Ec) Klx 160, Klx 320
2 Colour temperature - switchable °K 4,500 and 5,000
Colour rendering index (CRI) Ra 96
Light field Ø (adjustable) 14-28 cm
Light field Ø where illuminance reaches 10% of Ec (d10) 200 mm
Light field Ø where illuminance reaches 50% of Ec 110 mm
Total radiated energy Ee where illumination reaches max level 580 W/m2
Average LED life hours 60,000
Power supply: 100-240 V - 50-60 Hz - 51 W
Regulations: IEC 60601-2-41 - EU 2017/745