



Product Code	49182
Unit of sale	1 pc
Minimum order	1
Type	Medical device
Class	I

UK-REP	No
CH-REP	No
RDM (NSIS)	2690377
CND	Z12010701
EAN/UPC	8023279491821

## Description

GIMALED O.T. LED LIGHT - ceiling (ceiling >3.80 m needs 49220)

GimaLed light with 81 Led: sophisticated design which combines excellent lighting features with exceptional mechanical characteristics for extra soft movement.

Deep light: 27 inner fixed Leds for central illumination and 54 Leds (six modules of nine Leds each) moved by servo-motor, allow surgeon to adjust light field diameter.

Shadowless light: 81 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, 4,000K and 4,600K, made of white Leds only, no coloured shadow effect. Light intensity of 160,000 Lux.

Major features:

- collimated light beams for a working distance from 70 to 160 cm
- high colour rendering index (CRI) 95, R9 >90
- optimisation of LED thermal management by heat dissipation convection to avoid illuminance reduction during surgery
- PMMA optical lenses and polycarbonate protective screen
- Zener to grant light in case of even one Led failure
- reduced consumption, high efficiency
- optional pre-wired system for Wi-Fi HD camera

## Technical Specifications

- Light intensity at 1 m distance (Ec): Klx 160
- 2 Colour temperature - switchable: °K 4.000 e 4.600
- Colour rendering index (CRI): Ra 95
- Light field Ø (adjustable): 11-35 cm
- Light field Ø where illuminance reaches 10% of Ec (d10): 260 mm
- Light field Ø where illuminance reaches 50% of Ec: 150 mm
- Total radiated energy Ee where illumination reaches max level: 556 W/m<sup>2</sup>
- Average LED life: 50.000 ore
- Power supply: 100-240 V - 50-60 Hz - 61-71 W
- Regulations: IEC 60601-2-41 - 93/42/EEC
- Made in Italy