

LUMEX LED LIGHT - 45,000 LUX

• 49045 LUMEX LED LIGHT with handle - trolley

Compact LED light featuring a modern design combined with innovative lighting technology and excellent manoeuvrability. The light is significantly more pleasant to the eyes and colours are rendered accurately. Ideal for examinations and minor surgery procedures at doctor's office, clinics and hospitals. Ergonomic and hygienic design with removable and sterilizable handle which allows movements.

Control system to manage 5 levels of brightness

Directional handle

49045

TECHNICAL SPECIFICATIONS

Light Intensity at 50/100 cm:	45,000 / 18,000 lux
Control System:	5 levels of light-touch brightness control and on/off
Lamphead:	Ø 120 mm, 28 mm thickness
Diameter of illuminated field:	180-300 mm at 50-100 cm distance
Light source:	6 LEDs
LED life:	50,000 hours
Colour temperature:	3500-4500 K
Colour rendering index (CRI):	95
Power supply:	100-240V, 50/60 MHz
Power consumption:	6W
Protection:	Class II

INFANT PHOTOTHERAPY LIGHT

• 31192 LED INFANT PHOTOTHERAPY LIGHT - trolley

LED infant phototherapy light ideal for treating neonatal jaundice which consists in skin yellowing as a result of elevated levels of bilirubin in the blood. If untreated, severe jaundice can lead to brain damage, hearing loss and even death. Blue light irradiation (phototherapy) is a simple, effective and quick treatment for hyperbilirubinemia. It lowers bilirubin levels through a process called photo-oxidation which adds oxygen to bilirubin, facilitating its dissolution in water.

TECHNICAL SPECIFICATIONS

Light source:	blue LED, white LED
LED life:	50,000 hours
LEDs quantity:	48 (24 blue, 24 white)
Time range:	10-60 mins
Radiant wavelength:	400-500 nm
Peak of wavelength:	452-455 nm
Effective area:	300x500 mm
Irradiance control:	5 levels
Ebi uniformity:	>0.4
Power supply:	AC110V~240V 50/60Hz
Input power:	55VA

31192

5 LEVEL IRRIDIANCE CONTROL

	Performance at 35 cm				
	Level 1	Level 2	Level 3	Level 4	Level 5
Spectral irradiance intensity:	40	51	58	73	83
Ebi max:	2700	3300	3700	4600	5100
	Performance at 50 cm				
Spectral irradiance intensity:	29	35	38	52	60
Ebi max:	1800	2200	2400	3200	3700

GIMALED 29 LED LIGHTS - 160,000 LUX

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.

Small overall dimensions of cupola, perfectly balanced, ensure stable adjustment.

Ergonomic grip on the cupola and on the protective screen to hold and move the lamp

Light field diameter adjustment through touch sensitive handle or touch pad at the side of the cupola

Thin and easy-to-adjust reflector

160,000 LUX

MADE IN ITALY

49173

49170

TECHNICAL SPECIFICATIONS

Light intensity at 1 m distance (Ec)	Klx 160, Klx 320 (only 49173)
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

GIMA code	GIMALED 29
49170	GimaLed - mobile - 160,000 Lux
49171	GimaLed - mobile with battery group and automat. charger
49172	GimaLed - ceiling* - 160,000 Lux
49173	GimaLed - ceiling** - double - 320,000 Lux
49197	Autoclavable handle
49205	Monitor holding arm - stand alone
49220	Special structure for high ceiling
49175	GimaLed wall remote control for 49170-49172
	Battery group available on request for all models

*Ceiling >3.41 m needs 49220 **Ceiling >3.53 m needs 49220