

PENTALED 12 - 50,000 LUX

PENTALED 12

PentaLED 12 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 12 suitable for precision operations, diagnostic use, pre-operating theatres and test laboratories. Battery group available on request also for wall and ceiling models.

LED light

5,000K bright and cold light reproduces colours faithfully, assuring excellent definition of details.

Indirect light

The physical principle of reflection is applied through a system of ellipses. They reflect the light rays emitted by the LED on the lighting surface, obtaining a high light intensity with a reduced number of LED: over 50,000 lux at a distance of 1 metre with just 12 LEDs.

The indirect light does not dazzle and does not strain the eyes and helps concentration.

Ergonomic

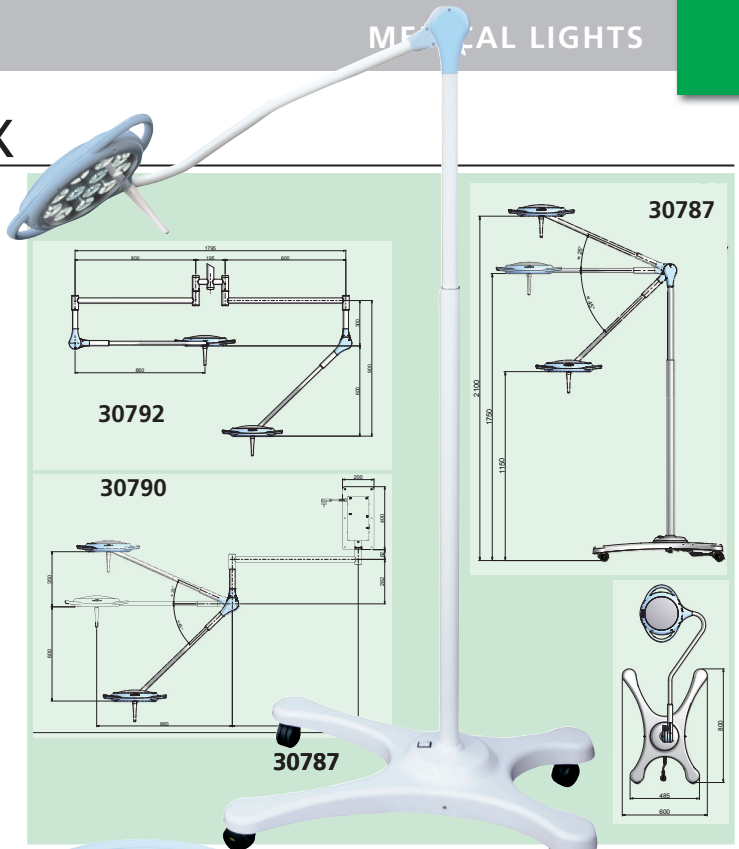
The ultra-flat lighting body is equipped with ultra-resistant polycarbonate screen which guarantees protection against accidental collisions.

PENTALED 12 can be easily positioned by rotation on 4 axes:

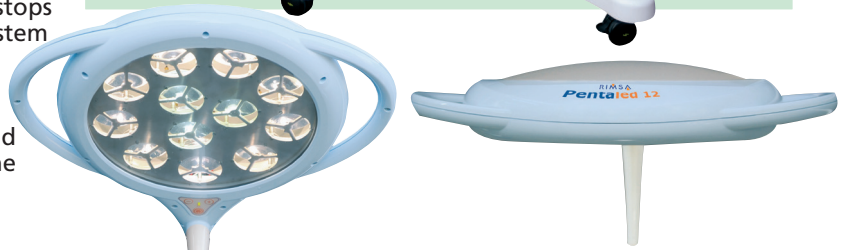
- the structure has a side full-circle handling without any stops
- the arm moves vertically thanks to a spring balancing system
- the reflector can be rotated on the vertical and horizontal axis.

Movements are possible through the sterilizable handle.

The lower part of the reflector incorporates the switch and a digital control to adjust the light with visual signal of the intensity setup.



GIMA code	PENTALED LIGHTS
30787	PentaLED 12 - trolley
30789	PentaLED 12 - ceiling
30790	PentaLED 12 - wall
30791	PentaLED 12 - trolley with battery group and automatic charger
30792	PentaLED 12 - ceiling double
30793	Autoclavable handle - spare



PENTALED 12

TECHNICAL SPECIFICATIONS		
Light intensity at 1 m distance	Lux	50,000
Colour temperature	K°	5,000
LED	No.	12
Average LED life	hours	50,000
CRI (Chromatic rendering Index)	Ra	92
Light field where the illumination reaches 50% of Ec (d50)	Ø mm	85
Light field where the illumination reaches 10% of Ec (d10)	Ø mm	140
Depth of illumination (L1+L2) at 60%	cm	87
Depth of illumination (L1+L2) at 20%	cm	150
Total radiated energy Ec	W/m²	119
Weight (ceiling, mobile, wall, double)	kg	18-13-12-20
Power supply	V/Hz	100-230V, 50-60Hz
Minimum height of the room (ceiling version)	mm	2,200
Standards: IEC 60601-2-41, MDD 93/42 CEE, medical device of Class I		

RI-MAGIC® LED LIGHT

- 49050 RI-MAGIC® - desk type
- 49051 RI-MAGIC® - trolley type
- 49052 RI-MAGIC® - wall type

High performance medical LED light for examination and procedures.

- high performance LED, 6,500 Kelvin
- lifetime of the lamp up to 50,000 hours
- significantly reduced heating and energy loss
- focusing device at the front of the light head
- highly flexible, long special arm can be bent in all directions

- rheostat handle for infinitely variable regulation of light intensity

Supplied with manual in:

GB, FR, IT, ES, DE, RU.

Made in Germany



TECHNICAL SPECIFICATIONS					
Distance:	1,000 mm	800 mm	600 mm	400 mm	200 mm
Lux max:	15,000	20,000	30,000	45,000	55,000
Circle of light max Ø:	340 mm	270 mm	215 mm	155 mm	90 mm
Circle of light min Ø:	40 mm	35 mm	30 mm	25 mm	20 mm
Operating voltage:	100-240 V,	50-60 Hz			



Ri-magic desk can be fixed also on bed-head with thickness 0.62 mm



Sturdy mobile base made of fiber glass and chrome plated pole.

Low friction antistatic castors with brake

Ø 53 cm / mobile base