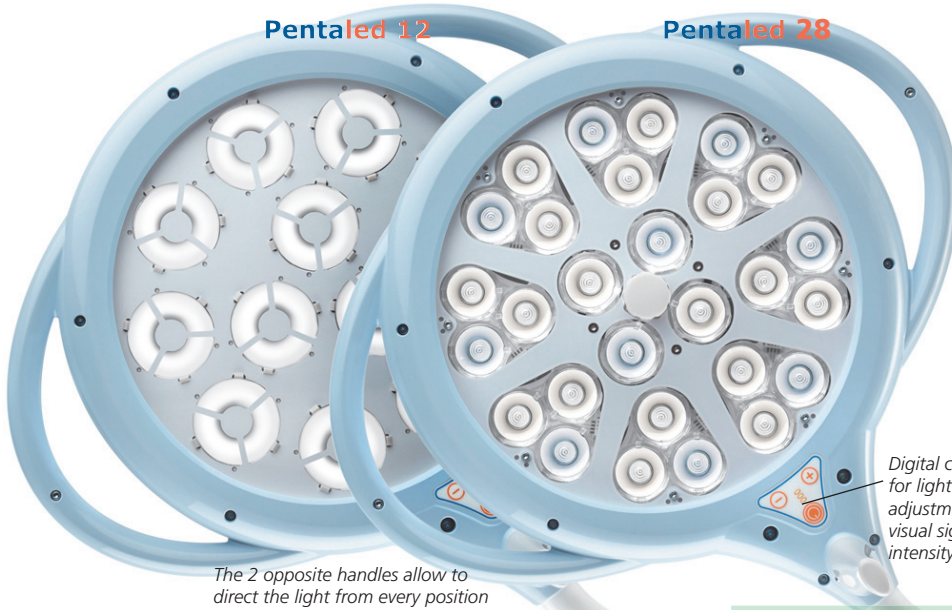


PENTALED 12 - 100,000* LUX, PENTALED 28 - 120,000 LUX



The 2 opposite handles allow to direct the light from every position

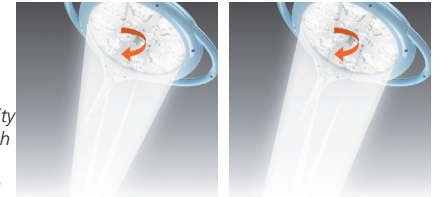
PentaLED 12

- 100,000* Lux at 1 m
- indirect light with 12 elliptic reflectors. They reflect the light rays emitted by the LEDs. Does not dazzle and does not strain eyes.

*Since January 2018. 70,000 Lux up to December 2017

PentaLED 28

- 120,000 Lux at 1 m
- direct light with 28 LED lens
- double colour selection: 4,500 or 5,000 K
- light field adjustment



Digital control for light intensity adjustment with visual signal of intensity set up

Light field adjustment for PENTALED 28

PENTALED

PENTALED 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 suitable for precision operations, diagnostic use, surgical rooms and small surgeries. Battery group, with an autonomy of 3 hours, is available on request also for wall and ceiling models.

Cold LED light

Bright and cold light reproduces colours faithfully, assuring excellent definition of details.

Ergonomic

PENTALED can be easily positioned by rotation on 4 axes:
 - the dome has a full-circle 360° rotation
 - 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.

50,000 hours life time

The low power supply current and the heat dispersion through aluminium dome allow the LED a 50,000 hours lifetime.

Light intensity adjustment

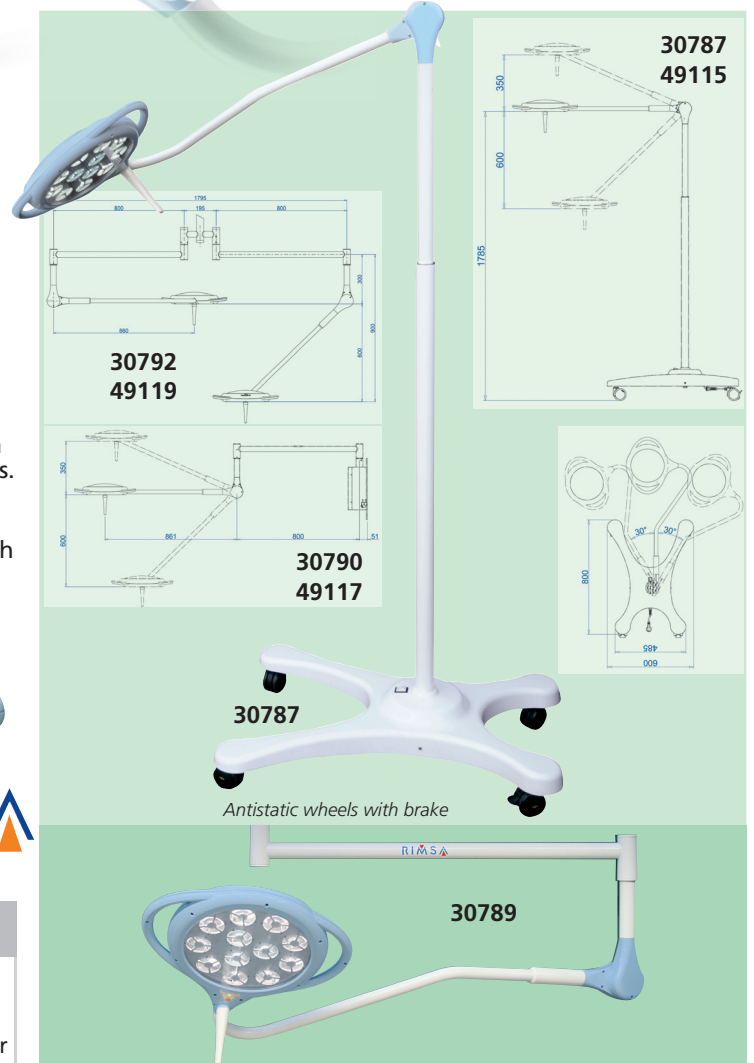
Light intensity adjustable through digital control



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



The dome can be adjusted by the sterilizable handle



GIMA code	PENTALED 12 LEDS
30787	PentaLED 12 - trolley
30789	PentaLED 12 - ceiling* (for ceiling 2.57 to 3.33 m)
30790	PentaLED 12 - wall
30791	PentaLED 12 - trolley with battery group and automatic charger
30792	PentaLED 12+12 - ceiling* double
30788	Special structure for ceiling > 3.34 m
30793	Autoclavable handle - spare
GIMA code	PENTALED 28 LEDS
49115	PentaLED 28 - trolley
49116	PentaLED 28 - ceiling* (for ceiling from 2.57 to 3.33 m)
49117	PentaLED 28 - wall
49118	PentaLED 28 - trolley with battery group and automatic charger
49119	PentaLED 28+28 - ceiling* double
30788	Special structure for ceiling > 3.34 m
30793	Autoclavable handle - spare

*Ceiling >3.34 m needs 30788

	TECHNICAL SPECIFICATIONS	
	PENTALED 12	PENTALED 28
Light intensity at 1 m distance	Lux 100,000	120,000
Colour temperature	K° 4,500	4,500/5,000
LED	No. 12	28
Average LED life	hours 50,000	50,000
CRI (Chromatic rendering Index)	Ra 96	92 (5,000K) 96 (4,500K)
Diameter of illuminated field	Ø mm 160	135-270
Depth of illumination (L1+L2) at 60%	cm 87	58
Total radiated energy Ec	W/m² 350	404
Weight (ceiling, mobile, wall, double)	kg	18-13-12-20
Power supply	V/Hz	100-230V, 50-60Hz
Standards: IEC 60601-2-41, 2007/47/EEC, medical device of Class I		