

# PENTALED

## 12 / 28

PENTALED 12 and PENTALED 28 are a concentration of unparalleled performance technology, the best for a lamp for ambulatories and minor surgery.

Their compact dimensions and extremely handy structure are permeated by the strong determination of Rimsa heart, a synonym of high technology, quality and performance ever since. The thin dome with two convenient side grips ensures easier positioning and adjustment and reduces overall dimensions.





-MOBILE  
Pentaled 12 mobile  
(code [PENTA12PI](#) )

-MOBILE  
Pentaled 28 mobile  
(code [PENTA28PI](#))



-CEILING DOUBLE  
Pentaled 12+12  
(code [PENTA12+12](#))

-CEILING DOUBLE  
Pentaled 28+28  
(code [PENTA28+28](#))



-WALL MOUNTED  
Pentaled 12 wall  
(code [PENTA12PA](#))

-WALL  
Pentaled 28 wall  
(code [PENTA28PA](#))



-CEILING SINGLE  
Pentaled 12 ceiling  
(code [PENTA12SO](#))

-CEILING SINGLE  
Pentaled 28 ceiling  
(code [PENTA28SO](#))

## Performances

### 12

### 28

	12	28
Light intensity at 1 m distance (Ec)	100.000 lux	120.000 lux
Light head diameter	40 cm	40 cm
Color temperature	4.500 K	4.500 - 5.000K ( 2 selections)
Color rendering index (CRI)	95 Ra	95 Ra
Diameter adjustment	Fixed	Manual
d10 light field diameter where illuminance reached 10% of Ec	160 mm	280 mm
Light field diameter adjustable from-to	//	110 - 330 mm
Depth of illumination IEC 60601-2-41 (L1+L2) at 60%	750 mm	920 mm
Depth of illumination IEC 60601-2-41 (L1+L2) at 20%	1500 mm	1550 mm
Total radiated energy Ee where the illuminance reaches max level	370 W/m <sup>2</sup>	456 W/m <sup>2</sup>
Ratio between radiated energy Ee and illuminance Ec	3,7	3,62
Average LED life	> 60.000 hours	> 60.000 hours
Control of the illuminance	20 - 100 %	20 - 100 %
Electrical absorption	20 W - 38 VA	47 W - 82 VA

Regulation (EU) 2017/745 of the European Parliament and of the Council, of 05th April 2017 – Norm IEC 60601-2-41

MAIN FEATURES



(PENTALED 12)



(PENTALED 28)

ACCESSORIES

