Pentaled 12



PENTALED 12 100,000 Lux @ 1 m

The fact that the reflectors are arranged close to one another permits obtaining a light that is always focused. PEN-TALED 12 makes use of the physical principle of reflection and indirect light.

Twelve elliptic reflectors reflect the light rays emitted by the LEDs on the area to be lit up, thereby obtaining a light intensity of more than 100,000 Lux at a distance of 1 metre.

The indirect light has the following advantages:

- it does not dazzle
- it does not strain the eyes and favours concentration
- it meets all the visual needs in the diagnostic and minor surgery sphere.

Recommended use	28	12
Preparatory room		
Intensive care		
Outpatient	•	
Dermatology	-	
Plastic surgery	•	
ER		-

📕 recommended 🗾 alternative

Performances	28	12
Light intensity at 1 m distance (Ec)	120,000 Lux	100,000 Lux
Color temperature	4500/5000 °K	4500 °K
Color rendering index (CRI)	94	96
Light field diameter	110-330 mm	160 mm
Depth of illumination IEC 60601-2-41 (L1+L2) at 60%	88 cm	77 cm
Depth of illumination IEC 60601-2-41 (L1+L2) at 20%	155 cm	150 cm
Ratio between radiated energy Ee and illuminance Ec	1,60 mW/m²·lx	3,66 mW/m²·lx
Total radiated energy Ee where the illuminance reaches max level	231 W/m ²	366 W/m ²
Electrical absorption	57 VA	35 VA
Average led life	> 60,000 hours	> 60,000 hours
Control of the illuminance	20-100%	50-100%

