Planmeca SingLED

Optimum illumination





Planmeca SingLED operating light provides precise positioning and perfect visibility for the entire treatment area.

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Planmeca SingLED operating light provides optimised illumination and uniform colour for the entire treatment area. The three rotating axes provide a versatile movement range and the best positioning for each procedure. The sharp edges of the light beam ensure dazzle-free treatment for the patient. The large illumination field provides excellent visibility to every corner of the treatment area. Planmeca SingLED is very energy-efficient without compromising light intensity.

The light beam can also be easily aligned from upper to lower jaw by a simple movement. With hands-free adjustment of the light intensity and detachable, autoclavable handles, infection control is easy and efficient.

The operating light can be controlled using the graphical user interface, the on/off switch, or the foot control, or simply by waving a hand in front of the light head – whichever best suits the user's needs. In addition, the operations of the light can be pre-programmed to follow the automatic patient chair positions.

Features and benefits

Feature	**Benefit**
White LED	Extremely long lifespan. No need to change light bulbs. No coloured shadows typical of multicolour LED's.
Faceted structure of the non-imaging mirror optics	Uniform colour for the entire illuminated area.
Colour temperature appr. 5000 K	Pure white light
Maximum light intensity 35 000 lux	Optimised illumination. Limited intensity enables long lifespan and reliable operation.
Maximum power consumption 5 W	Energy savings
Colour rendering index 85 (ISO 9680)	With a CRI of 85 less prepolymerisation occurs.
Dimensions of the lamp head 165 x 90 x 150 mm (L x D x H)	Lamp stays out of the way during treatment.
Three turning axes of the light head	Precise and quick positioning of the light.
Illumination field at a distance of 700 mm (ISO 9680) 210 x 85 mm (L x H)	All necessary areas are easily visible even if patient's head is turned sidewards.
Detachable and autoclavable handles (134 ºC)	Maximum hygiene
Multiple mounting options	Planmeca SingLED attaches to dental unit, ceiling, wall, or to ceiling integrated Planmeca Intra X-ray unit. The ceiling and wall mounting options include a transformer.

Available for all delivery options of Planmeca Sovereign, Planmeca Compact i, and Planmeca Compact a

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