



Full Daylight Spectrum
Healthy Lighting

PVR150 150cm Ring dental lighting

Reduce fatigue & Improve ergonomics

The PVR150 is a full-spectrum, bi-directional 150 cm diameter ring light, also available in 120 cm. It provides uniform lighting throughout the dental treatment room, ensuring clear visibility for precision work.

Incorrect lighting in dental treatment rooms leads to eyestrain and fatigue. DentLed full spectrum lighting was developed specifically as optimal work light for dental treatment rooms.

Key features & benefits

- Direct/Indirect lighting: Uniform light distribution across the treatment room.
- High Colour rendering for accurate shade matching (CRI >97).
- Flicker free: no fatigue inducing flicker.
- Low glare: Light is not harsh & unpleasant on they eyes.
- High output: 1500–2000 lux at the oral cavity.



Dentled
LIGHTING SYSTEMS FOR DENTAL CARE



Technical specifications

PVR150	
Output (lumen)	28.000 lm
CRI (Colour Rendering)	97+
CCT (Colour Temp)	5000 K
Efficacy	129 lm/W
Power Consumption	210 W
Outer diam	1500 mm
Profile (w x h)	50 x 60 mm
Weight	12 kg
Color	custom
Flicker Free	Yes
Lifetime	50,000 hrs
Power Cord Length	3 m
UGR	<17.8
Direct/Indirect	66% / 33%
Dimmable	Option/dali incl
Ext driver housing	diam 260 mm / height 50 mm
Ext driver housing colour	white or black
Suspension	Fixed: 4 cables

Colour rendering

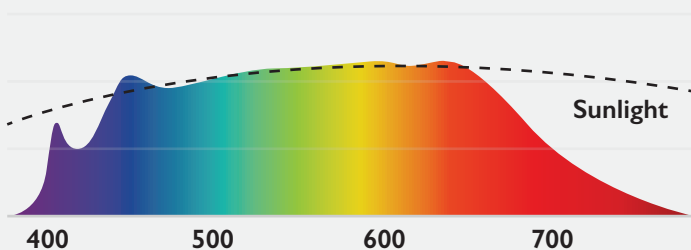


Accurate colour rendering for correct shade matching.

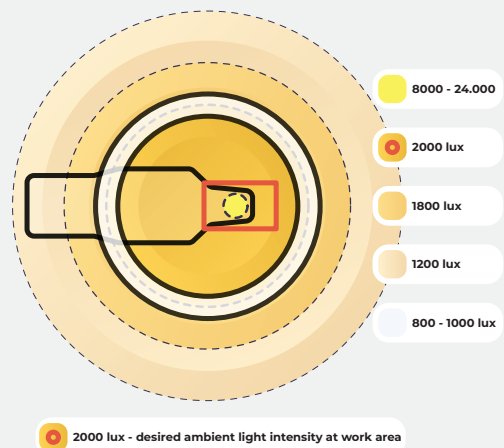
Installation

DentLed partners with certified installers for lighting installation. Contact us for possibilities.

Full daylight spectrum



Light intensity distribution



This diagram illustrates the optimal light distribution in a dental treatment room, aiming for 1500-2000 lux around the oral cavity.

Contact us for lighting calculations and plans for your treatment rooms.

36,000 hours: healthy light is essential

About Dentled

DentLed is dedicated to designing and installing optimal lighting for all types of dental work, including surgeries, practices, and dental labs.

"Every patient deserves a dentist who can work optimally. Good lighting is a basic requirement for this."

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Scan or click for product page

