



PHU U-Form dental lighting

Reduce fatigue & Improve ergonomics

The DentLed full spectrum PHU U-Form dental light, with its U shape, is the ideal design for dental treatment room lighting. Measuring 1.33 meters in width and 1.65 meters in length, its bidirectional lighting guarantees uniform illumination across the treatment room. This ensures clear and comfortable lighting, optimizing conditions for precision dental work.

Incorrect lighting in dental treatment rooms leads to eye strain 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 >90).
- 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.



Technical specifications

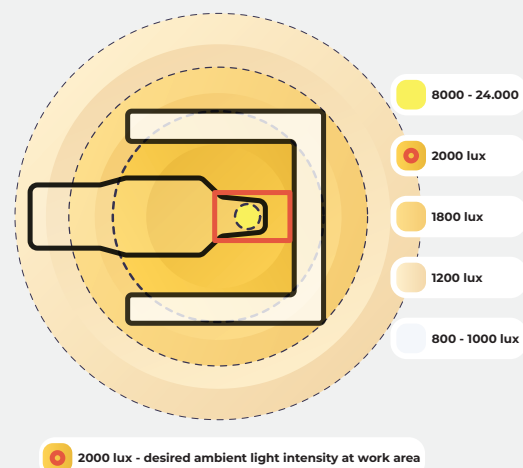
PHU U-Form	
Output (lumen)	20,794 lm
CRI (Colour Rendering)	90+
CCT (Colour Temp)	5000 K
Efficacy	108 lm/W
Power Consumption	193 W
Dimensions	1332 x 1650 mm
Profile (w x h)	50 x 75 mm
Weight	12.6 kg
Color	White, black (RAL9016, 9005) or custom.
Flicker Free	Yes, visible & invisible
Lifetime	100,000 hrs/40 yrs
Power Cord Length	3 m
UGR	<17.8
Direct/Indirect	48% / 52%
Dimmable	Option/dali incl
Suspension Points	adjustable/rail

Colour rendering



Accurate colour rendering for correct shade matching.

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.

Installation

DentLed collaborates with accredited technicians to install and maintain full spectrum lighting solutions in your dental practice. For further details, please get in touch with us. If you have a preferred installer, installation can be arranged through them as well.

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. DentLed lighting has been installed in more than 1300 treatment rooms and is growing rapidly.

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

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