



## 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 >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.



## Colour rendering

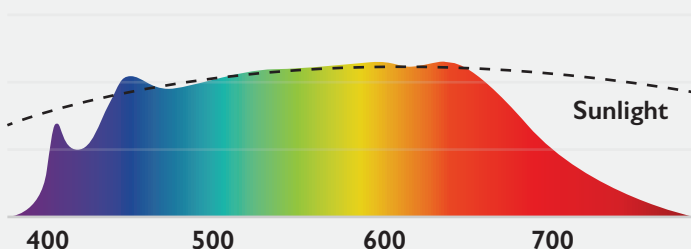


Accurate colour rendering for correct shade matching.

## Installation

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

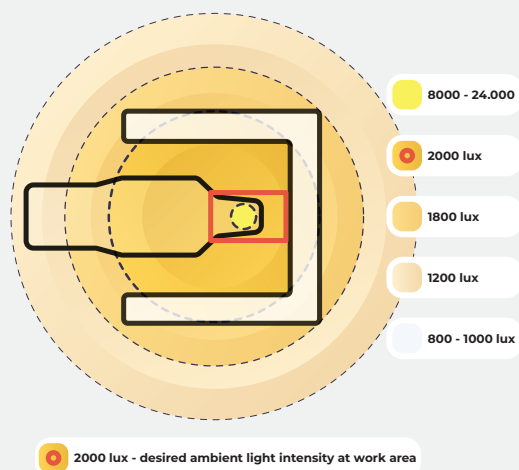
## Full daylight spectrum



## Technical specifications

PHU U-Form	
Output (lumen)	20.683 lm
CRI (Colour Rendering)	97+
CCT (Colour Temp)	5000 K
Efficacy	70 lm/W
Power Consumption	298 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
Power Cord Length	3 m
UGR	<17.8
Direct/Indirect	49% / 51%
Suspension Points	adjustable/rail
Options: ceiling mount / dimming / colour / etc.	Please inquire

## 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. 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."*

## Contact us



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