



## PHL22 224cm dual-linear dental lighting

### Reduce fatigue & Improve ergonomics

A pair of full-spectrum, linear, and bidirectional LED lamps, each measuring 224 cm in length. Two independent lamps offer flexibility in installation as required. 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 eyestrain and fatigue. DentLed's full-spectrum lighting was developed specifically as the 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 the eyes.
- High output: 1500–2000 lux at the oral cavity.



## Technical specifications

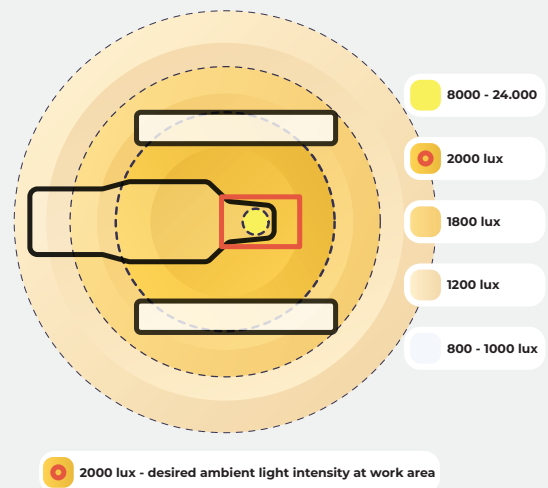
PHL22	
Output (lumen)	2 x 15,000 lm
CRI (Colour Rendering)	90+
CCT (Colour Temp)	5000 K
Efficacy	100 lm/W
Power Consumption	2 x 150 W
Dimensions	2245 x 51 x 81 mm
Weight	2 x 7,4 kg
Color	White, black or custom
Flicker Free	Yes, visible & invisible
Lifetime	50,000 hrs/20 yrs
Power Cord Length	3 m
Max Suspension	2 m
Direct/Indirect	70% / 30%
Dimmable	Option/dali incl
Suspension Points	fixed
UGR	<19

## 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."*

## Contact us

+31 303 100 500

info@dentled.com

Mariaplaats 3, 3511LH Utrecht

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