

mectron

→ MECTRON STARLIGHT PRO



# STARLIGHT PRO

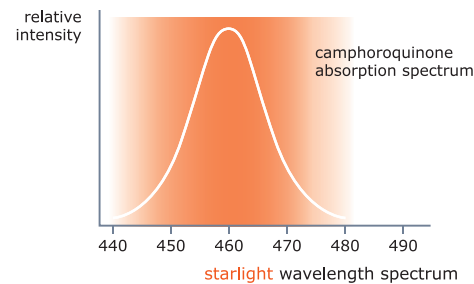
lightweight, powerful and versatile

→ The starlight pro combines its features in an exemplary manner. Cordless, ultralight and easy to handle.

The starlight pro in bright colours adds a new chapter in the successful story of light curing by mectron.

## LIGHT SPECTRUM

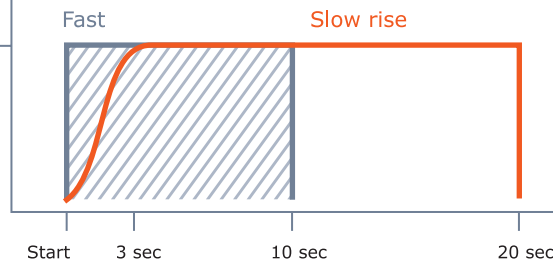
starlight lamps are effective on camphoroquinone, used as photoinitiator in 98% of the materials on the market. They emit light on a wave-length comprised between 440 nm and 480 nm with a peak at 460 nm.



## CHARGING STATION

- green control LEDs indicating mains supply and signalling consent for charging process and power output
- in case of problems a red LED will flash
- integrated radiometer which checks the power output
- result indicated by green or red LED

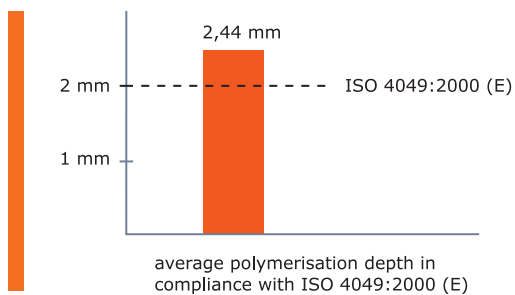
maximum light intensity



## OPERATING MODES

- "Fast" mode: 10 seconds at maximum light intensity, with acoustic signal at the beginning and at the end of the cycle
- "Slow rise" mode: 20 seconds with a progressive increase of the light intensity reaching the peak within the first 3 seconds, one acoustic signal after 10 seconds and one at the end of the cycle





→ **OUTPUT**

hardens a 2 mm layer with the utmost reliability in 10 sec

→ **WEIGHT**

only 105 g

→ **ACCUMULATOR** lithium-ion battery with no memory effect

→ **CHARGING TIME** only 90 minutes

→ **CAPACITY** 320 cycles with 10 seconds

→ **PROCESSOR CONTROL** constant light power regardless of the charge level

→ **LOW BATTERY WARNING** the double acoustic signal is activated when the battery is still sufficient for 6 cycles

→ **OPTICAL PROTECTION**

sterilizable, simple to apply to the optical fiber

→ **HYGIENE**

the smooth, continuous and compact surface enables perfect disinfection

→ **OPTICAL FIBERS**

sterilizable, coherent, fiber optics conductor. Ø 8 mm, optional 4.5 mm

→ **LOW TEMPERATURE**

it does not require a fan as it develops no heat – silent

# STARLIGHT PRO SPORT EDITION

with a sporty  
carbon fiber look

- red shiny fiber carbon look
- black shiny fiber carbon look
- black matte fiber carbon look



## TECHNICAL SPECIFICATIONS

→ Size (width x Ø)	198 x 22.5 mm
→ Weight	105 g
→ Wavelength	440 - 480 nm
→ Light intensity, Ø 8 mm optical fiber	> 1.200 mW/cm <sup>2</sup> (sport edition 1.400 mW/cm <sup>2</sup> )
→ Average working life of LED (in 10-second cycles)	2.500.000 10-second cycles
→ Battery charging time	90 minutes
→ Battery capacity	160 20-second cycles
→ Warranty (excluding the optical fiber)	3 years including the battery

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