

**MINILED**  
ACTIVE

Size: Ø24.5x161mm  
Weight: 103g  
Classification: Class II, type B

Wavelength: 420-480nm  
Power:  
• 1492mw/cm<sup>2</sup> with Ø7.5mm light guide

**MINILED**  
STANDARD

Size: Ø23x200mm  
Weight: 160g  
Classification: Class II, type B  
Base: radiometer included

Wavelength: 420-480nm  
Power:  
• 1250mw/cm<sup>2</sup> with Ø7.5mm light guide  
• 2000mw/cm<sup>2</sup> with Ø5.5mm light guide

**MINILED**  
SUPERCHARGED

Size: Ø24x201mm  
Weight: 160g  
Classification: Class II, type B  
Base: radiometer included

Wavelength: 420-480nm  
Power:  
• 2000mw/cm<sup>2</sup> with Ø7.5mm light guide  
• 3000mw/cm<sup>2</sup> with Ø5.5mm light guide

**MINILED**  
ORTHO 2

Size: Ø24x201mm  
Weight: 160g  
Classification: Class II, type B  
Base: radiometer included

Wavelength: 420-480nm  
Power:  
• 3000mw/cm<sup>2</sup> with Ø5.5mm light guide

## ACCESSORIES



### LIGHT GUIDES:

- Ø7.5mm: F02648 (MiniLED™ Standard, SuperCharged, Ortho 2)
- Ø7.5mm: F05121 (MiniLED™ Active)

Large reconstructions, posterior brackets, Inlay cores...

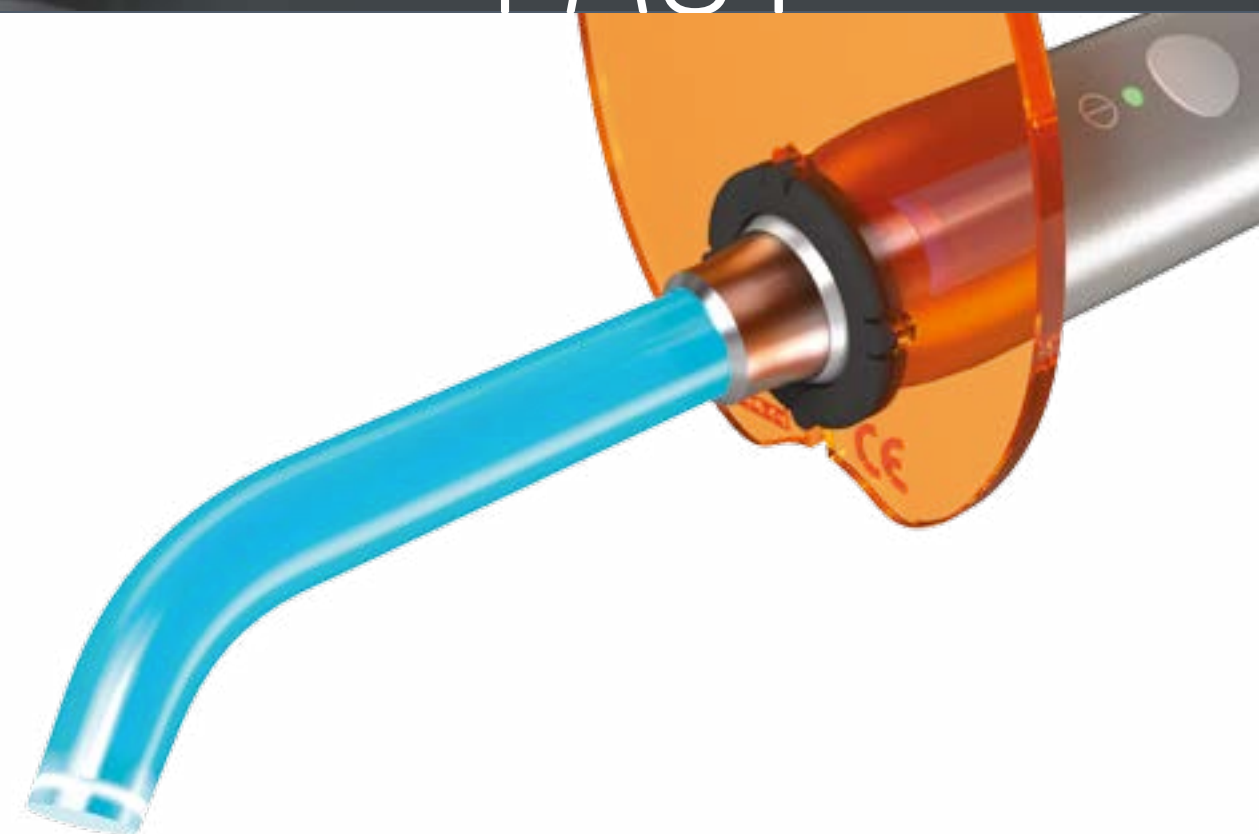
- Ø5.5mm: F02652 (MiniLED™ Standard, SuperCharged, Ortho 2)
- Get even more energy at the extremity: Lingual ortho, interdental composites, small areas reconstructions

## BUILT-IN

Various possibilities available upon request



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**MINILED**

**Fast polymerization  
for long term  
esthetic results**

# MINILED CURING LIGHTS

# THE LAMPS REFERENCES

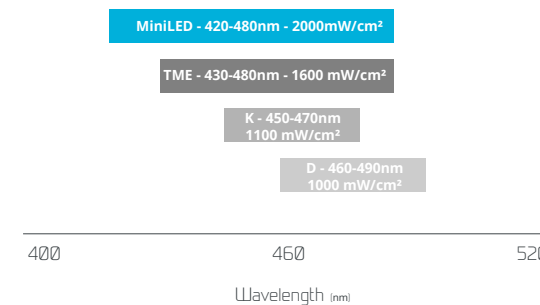
## POLYMERIZATION CHALLENGES

The use of MiniLED™ Polymerization lamps have been appreciated worldwide for their efficiency and their secure cold light safe on vital teeth. The range of ACTEON® MiniLED responds to all clinical needs from portable to chair connected versions.



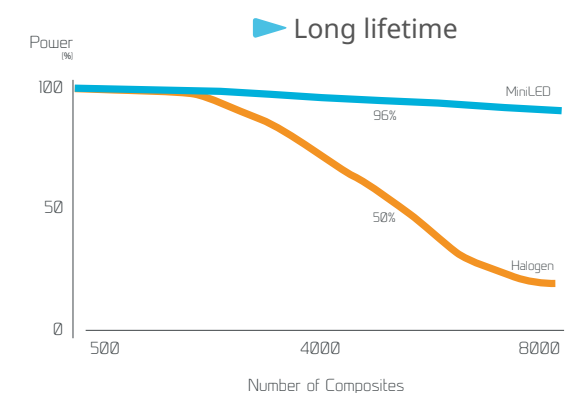
## CRUCIAL PHASE FOR GREAT ESTHETIC RESULTS

Light-activated products such as composites, sealants, bonding agents have been optimized over the years to provide better esthetic results. The polymerization phase is crucial for esthetic and long lasting results. **Choosing the right lamp**, with the proper intensity and exposure time avoids fractures, infiltrations, post-operative sensitivity. Science has proved that improperly cured composites can generate a cytotoxic effect and are less biocompatible.<sup>(1)</sup>



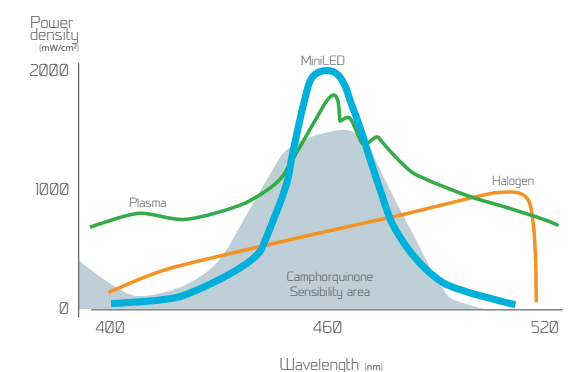
- ▶ Wide emitting spectrum: 420 to 480nm for dental photo-initiators
- ▶ Cold light limiting the risk of pulpal damage
- ▶ Developed in collaboration with prestigious universities

## LATEST TECHNOLOGY



## PATIENTS & PRACTITIONERS FRIENDLY

- ▶ **Well-balanced combination**
  - Robust aluminum cordless handpiece
  - Light and easy to grip
  - Li-Ion battery with no memory effect.
- ▶ **Safe & Hygienic**
  - No fan to avoid cross infection and limited noise generation
  - Visual rigid protection shield for blue light focalization
  - Autoclavable multi-fibers glass light guide
- ▶ **Large photo-initiator compatibility**
  - Relevant wavelength spectrum. Camphoroquinone (CQ) 470nm but also PPD and PAB 430 nm
  - Large power from 1250mW/cm² to 3000mW/cm²
  - Focused energy and customizable modes for various polymerization deepness



# MINILED ACTIVE

READY TO USE

MINILED  
ACTIVE

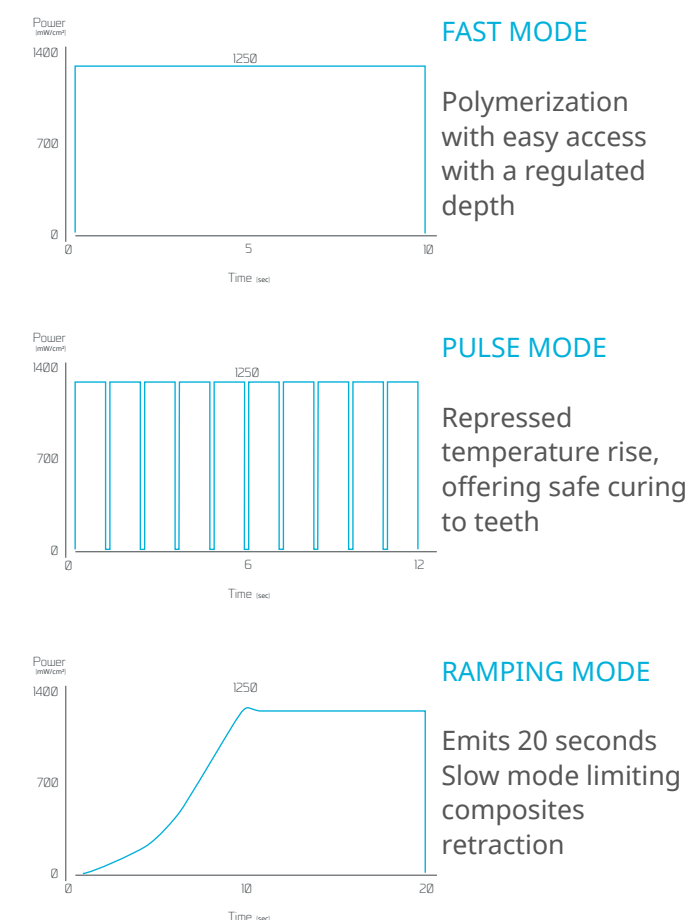
MINILED  
STANDARD



# MINILED STANDARD

SIMPLY POWERFUL

- **Fast**  
Only 6 to 12 seconds to polymerize 2mm of any composite



- **Control**  
Base-charger includes a built-in radiometer for light power intensity check-up

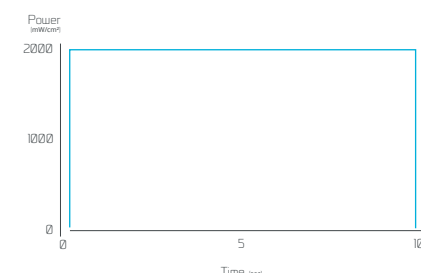


- POWER**
- 1250mW/cm<sup>2</sup>  
(Ø7.5mm light guide)
  - 2000mW/cm<sup>2</sup>  
(Ø5.5mm light guide) optional

# MINILED SUPERCHARGED

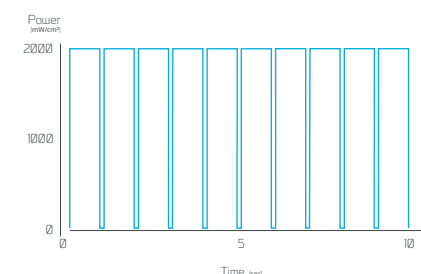
## HIGHLY ADAPTABLE

### ► The power and safety alliance



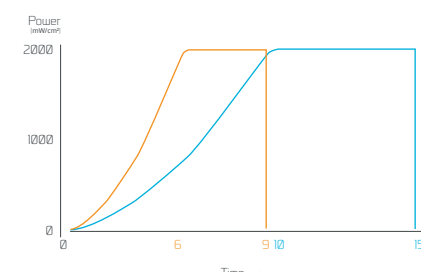
#### FAST MODE

3, 4, 5, 10 seconds  
Polymerization with  
easy access with a  
regulated depth



#### PULSE MODE

5 or 10 seconds.  
Emits every seconds  
flashes at full power  
Repressed temperature  
rise, offering safe curing to  
teeth

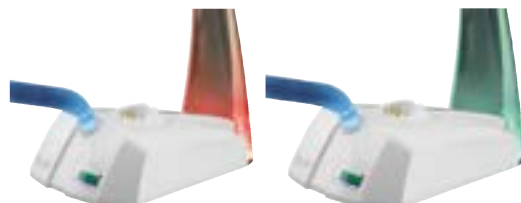


#### RAMPING MODE

Emits 9 or 15  
seconds.  
Slow mode  
limiting  
composites  
retraction

### ► Control

Base-charger includes a built-in  
radiometer. The LED light intensity  
can be controlled anytime with  
total lightening of the translucent  
handpiece holder



## MINILED — SUPERCHARGED

### POWER

- 2000mW/cm<sup>2</sup>  
(Ø7.5mm light guide)
- 3000mW/cm<sup>2</sup>  
(Ø5.5mm light guide) optional



- **Visibility**  
Mode, Time,  
battery indicators



## MINILED — ORTHO 2

### POWER

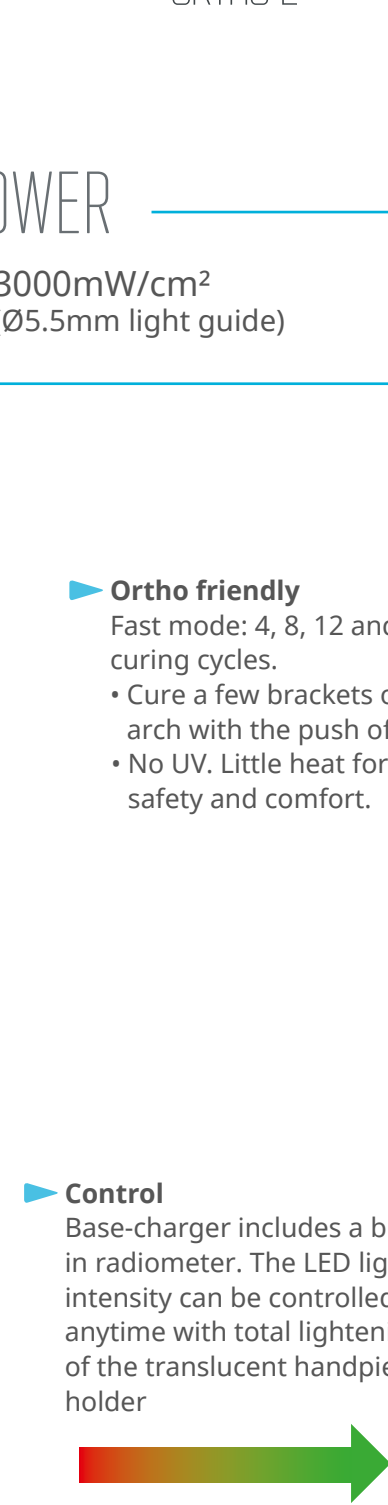
- 3000mW/cm<sup>2</sup>  
(Ø5.5mm light guide)

### ► Ortho friendly

- Fast mode: 4, 8, 12 and 32 seconds  
curing cycles.
- Cure a few brackets or half an  
arch with the push of one button
- No UV. Little heat for maximum  
safety and comfort.

### ► Control

Base-charger includes a built-  
in radiometer. The LED light  
intensity can be controlled  
anytime with total lightening of  
the translucent handpiece holder



# MINILED ORTHO 2

## SPECIALIZED ORTHODONTIC TREATMENTS

### ► Customizable alert

Prompts the user to move to  
the next curing position every 4  
seconds with beep, micro-flash,  
mixed or no alert

### ► Convenient battery

Over 15 patients  
cordless treatments

