



I AM  
FAST



MINILED

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Powerful curing lights

ACTEON

# MINILED CURING LIGHTS

## POLYMERIZATION CHALLENGES

MiniLED™ curing lights have been used worldwide for their efficiency and safety. The range of ACTEON® MiniLED responds to all clinical needs from portable to chair connected versions.



SoproLIFE® image

Restoration  
[Glass Ionomer]



Bleaching  
[Dam]



Brackets  
[Adhesive]

Restoration  
[Composite]



Veneers  
[Adhesive]



Posts  
[Cements]

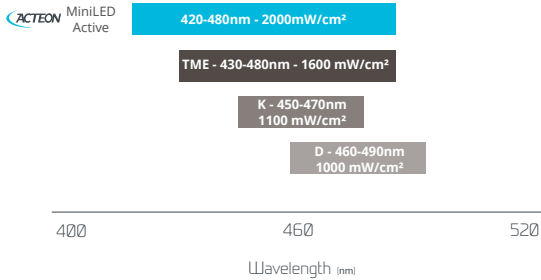


## CRUCIAL PHASE FOR GREAT ESTHETIC RESULTS

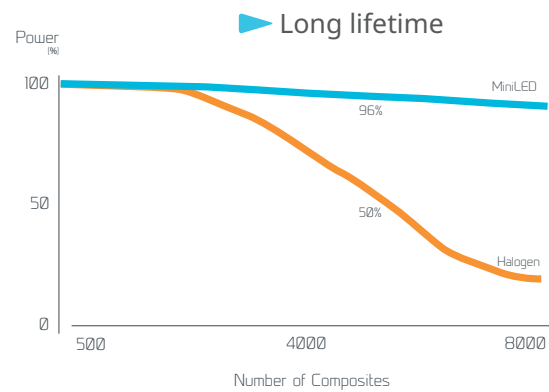
Light-activated products such as composites, sealants, bonding agents have been optimized over the years to provide better esthetic results. The polymerization phase is crucial for esthetic and long lasting results. **Choosing the right lamp**, with the proper intensity and exposure time avoids fractures,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

# VERSATILE & POWERFUL

## LATEST TECHNOLOGY

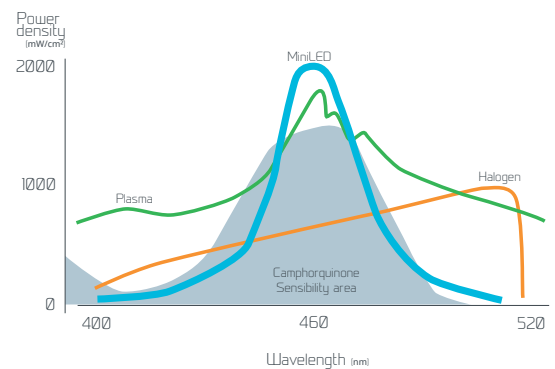


- ▶ Wide emitting spectrum: 420 to 480nm for dental photo-initiators
- ▶ Cold light limiting the risk of pulpal damage
- ▶ Developed in collaboration with prestigious universities



## PATIENT & CLINICIAN FRIENDLY

- ▶ **Well-balanced combination**
  - Cordless light handpiece easy to grip
  - Robust body in aluminium
  - Li-Ion battery with no memory effect
- ▶ **Safe & Hygienic**
  - No fan to limit cross infection and avoid noise generation
  - Rigid protection shield for a focused blue light with no danger for the retina
    - Autoclavable multi-fiber glass light guide
- ▶ **Large photo-initiator compatibility**
  - Relevant wavelength spectrum: Camphoroquinone (CQ) 470nm but also PPD and PAB 430 nm
  - Large power range from 1250mW/cm<sup>2</sup> to 3000mW/cm<sup>2</sup>
  - Customizable modes to polymerize diverse materials in various clinical situations



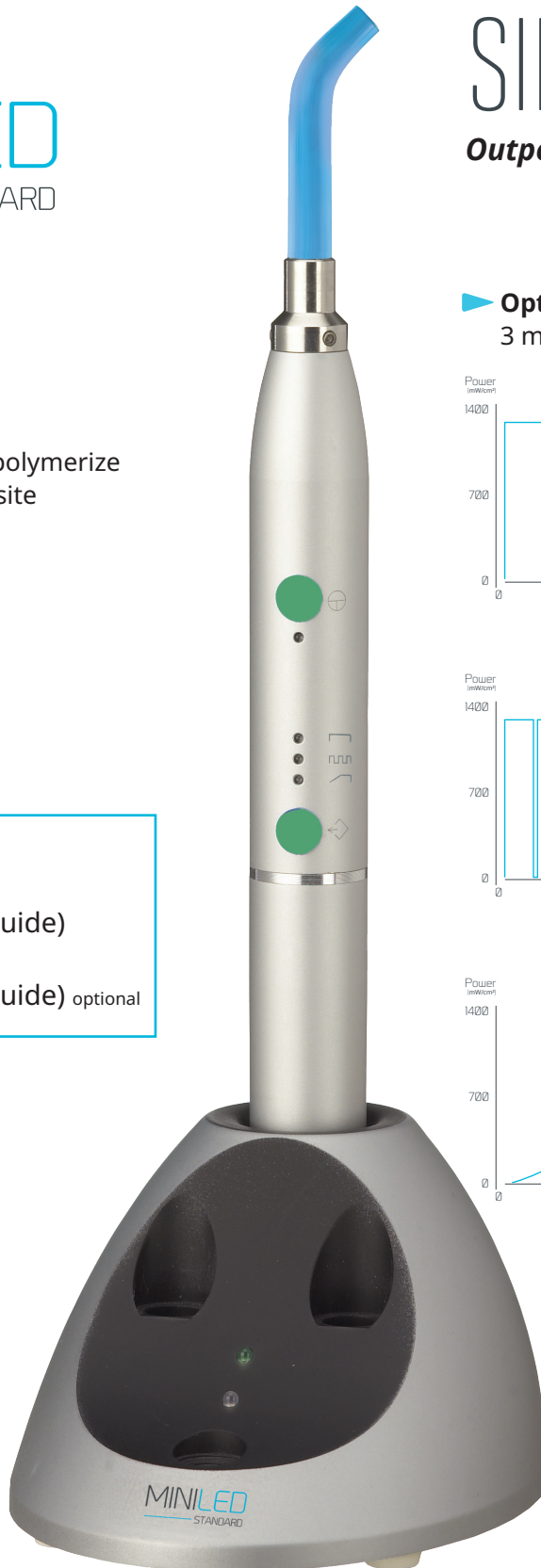
# MINILED STANDARD

MINILED  
STANDARD

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

## POWER

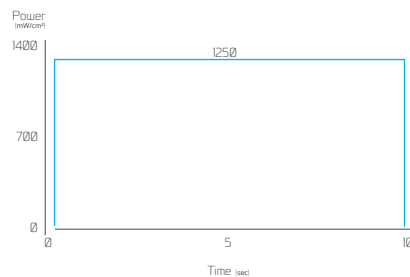
- 1250mW/cm<sup>2</sup>  
(Ø7.5mm light guide)
- 2000mW/cm<sup>2</sup>  
(Ø5.5mm light guide) optional



## SIMPLY POWERFUL

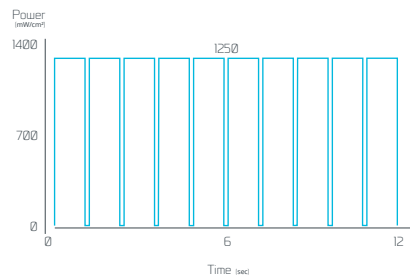
*Outperforms in power, efficiency and speed*

**Optimal result**  
3 modes to fit all clinical needs



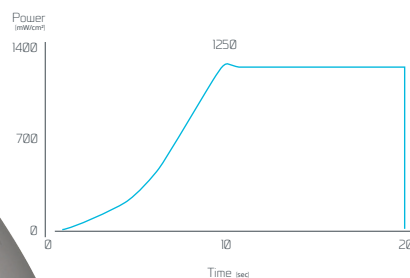
### FAST MODE

**Fast and easy**  
Full power during 10  
sec (bip at 5 sec) on  
regular depth



### PULSE MODE

**Ally rapidity and safety**  
10 flashes of 1 sec  
(bip after 5 flashes)  
with times off to  
preserve dental pulp



### RAMPING MODE

**No stress cracking**  
Progressive power  
increase during 20  
sec (bip every 5 sec)  
for a complete and  
safe curing

**Safety**  
Base-charger  
includes a radiometer  
for light power  
intensity check-up

# MINILED BUILT-IN

## CLINICAL EXPERTISE

As a major partner for equipping dental chairs, ACTEON® places its technical and clinical expertise at the service of practitioners, from conception to delivery to be always closer to your needs.

## FULL RANGE

ACTEON® provides a high-quality and affordable full range of innovative instruments.

## LATEST TECHNOLOGY

Ultrasonics, polishers, curing lights, intraoral cameras and disposable air/water syringes.

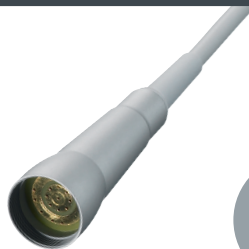


## EASY INSTALLATION

- All MiniLED™ use one single module with compact size, for easy integration and upgrades
- Various handpiece cords, shades and accessories



72x45x32mm  
Supply 24Vac / 20VA



Ø 4x6 ; 5x7mm  
Colors



Light



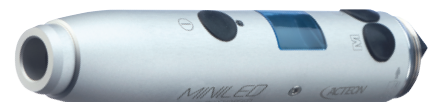
Medium



Dark



MiniLED Standard  
Power: 1,250 - 2,000mW/cm<sup>2</sup>  
Spectrum: 420 - 480nm



MiniLED Supercharged  
Power: 2,000 - 3,000mW/cm<sup>2</sup>  
Spectrum: 420 - 480nm



Size: Ø23x200mm  
 Weight: 160g  
 Classification: Class I  
 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



Size: Ø24x201mm  
 Weight: 160g  
 Classification: Class I  
 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



Size: Ø24x201mm  
 Weight: 160g  
 Classification: Class I  
 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