

Elipar™ & Elipar™ S10

LED Curing Lights



Confidence during
any curing procedure

3M ESPE

Two powerful lights that

High performance. More Value.

Elipar™

LED Curing Light

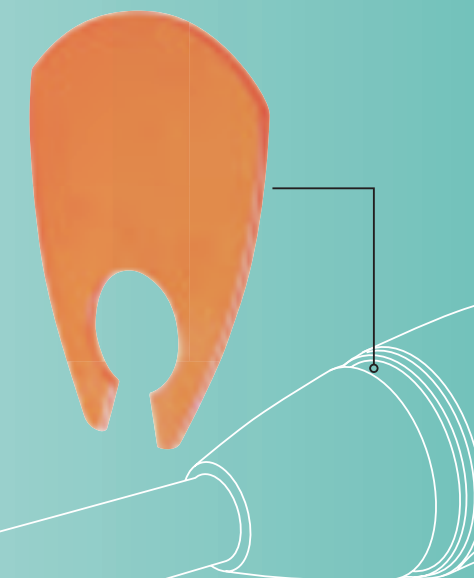
Elipar LED Curing Light is light in weight ... but not light on power.

- **Durable resin housing** is made of shatter-proof, high-performance plastic.
- **Silent operation** – design eliminates noisy fan, and includes option to turn off beep signals.
- **Vent-free housing** for fast and easy disinfection.

Both models share features that make curing easier

Eye shield with flat surface rest snaps on and off for convenience.

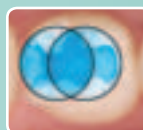
Light guide rotates 360° for easy alignment of light tip to restoration.



The wide 10mm light guide provides time-saving one-shot curing. The 10mm light guide illuminates up to 80% more surface than leading devices tested. Larger restoration surfaces can be cured in one shot. (Class II shown.)



Large 10 mm tip
~ 0.61 cm²



Common 8 mm tip
~ 0.40 cm²

Redefining depth of cure

When it comes to curing lights, dentists want confidence that the restoration will be cured completely from center to rim and all the way through.

Both the Elipar™ S10 LED Curing Light and the Elipar™ LED Curing Light from 3M ESPE are designed to give you confidence during any curing procedure with:

- high intensity of 1200 mW/cm²
- up to 5 times more intensity at the clinically relevant distance of 7 mm
- significantly improved depth of cure at the clinically relevant distance of 7 mm
- up to 80% more curing surface

Optimized optics deliver more focused light output ...

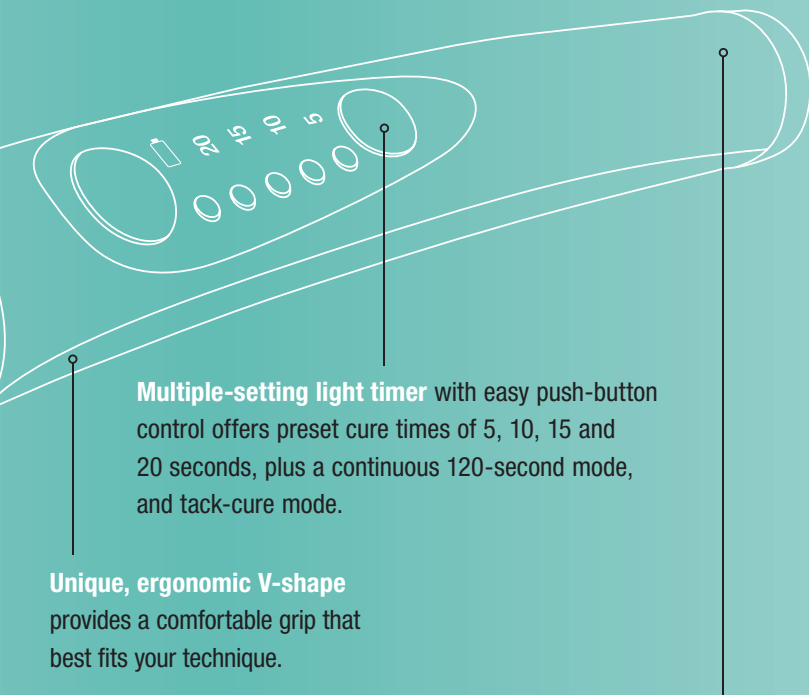


Photograph of the streak light on paper of the output beams of both Elipar™ LED curing lights and a competitive LED curing light (8 mm light guide). The beam from an Elipar LED light has a smaller angle of beam spread, resulting in a higher maintained intensity at a distance.

Source: 3M ESPE internal data

get the job done

and more effective.



Cordless portability with 60 minutes of curing time from a new fully charged, long-life Li-ion battery – approximately 360 10-second cures.

High performance. Unique design.

Elipar™ S10

LED Curing Light

The Elipar S10 LED Curing Light takes product excellence to a whole new level.

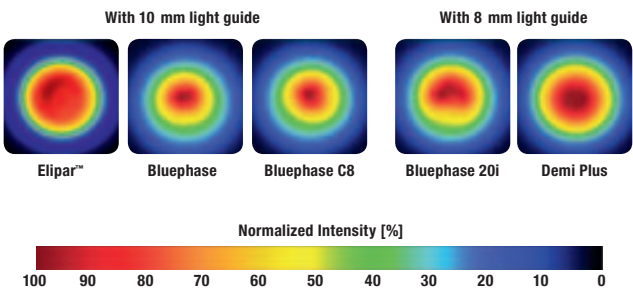
- **One-piece stainless steel housing** – virtually unbreakable and sealed against contamination.
- **Vent-free housing** for fast and easy disinfection.
- **Glass ceramic coating** offers protection against fingerprints and stain.
- **Unique magnetic light guide mount** for quick and easy removal of the light guide.
- **Silent operation** – innovative design eliminates noisy fan, and includes option to turn off beep signals.
- **Additional 3 mm light guide** for confined areas (≤ 2 mm in diameter).



reddot design award
winner 2010



... with effective intensity from center to rim of the restoration.

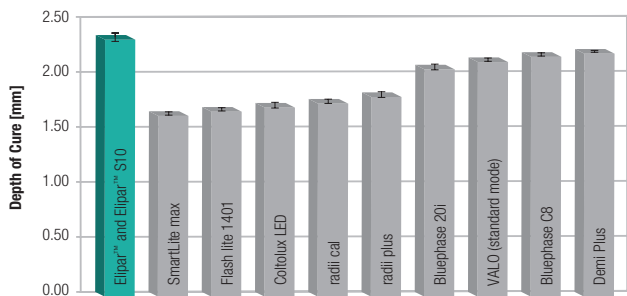


The images show clearly that the Elipar™ LED curing lights deliver a superior intensity distribution across the illuminated surface at a 7 mm distance, resulting in a more effective light output (see the extent of red areas with highest intensity).^{*} This is a prerequisite for a completely cured restoration.

Source: 3M ESPE internal data

^{*} Compared to leading devices tested.

... resulting in a significantly improved depth of cure at 7 mm.



The Elipar™ LED curing lights achieve the highest depth of cure among tested devices at the clinically relevant distance of 7 mm.

Source: 3M ESPE internal data

Technical data at a glance

	Elipar™ High Performance – More Value	Elipar™ S10 High Performance – Unique Design
		
Housing	Robust plastic housing made of shatter-proof, high-performance plastic. Fan-free for silent operation. Vent-free for fast and easy disinfection.	One piece stainless steel housing without seams or vents, virtually unbreakable, sealed against contamination, easy to disinfect, glass ceramic coating protects against stain and fingerprints. Fan-free for silent operation. Vent-free for fast and easy disinfection.
Intensity	1200 mW/cm²	1200 mW/cm²
Wavelength	430 – 480 nm	430 – 480 nm
Curing time	Refer to instructions of material to be cured, 10 sec. for many composites	Refer to instructions of material to be cured, 10 sec. for many composites
Light guide	10 mm, translucent	10 mm, translucent
Light guide mount	Friction fit	Unique magnetic light guide mount for quick and easy attachment and positioning.
Power supply	Lithium-ion battery Capacity: approx. 60 min. Charging time empty battery: approx. 120 min.	Lithium-ion battery Capacity: approx. 60 min. Charging time empty battery: approx. 90 min.
Battery exchange	Built-in battery, exchange via customer service.	Tool free
Charging	Charging plug	Charging base station with built in light intensity meter and battery charge indicator.
Light intensity control	Intensity control with hardness curing disc (or with Elipar S10 charging base station).	Light intensity meter (built-in charger base).
Weight	180 g	250 g

Ordering Information

Item No.	Product Information
76961	1 Elipar™ LED Curing Light
76963	1 Elipar™ Light Guide, 10 mm

Item No.	Product Information
76951	1 Elipar™ S10 LED Curing Light
76958	1 Elipar™ S10 Light Guide, 10 mm
76959	1 Elipar™ S10 Light Guide, 3 mm

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