

Elipar™ & Elipar™ S10

LED Curing Lights



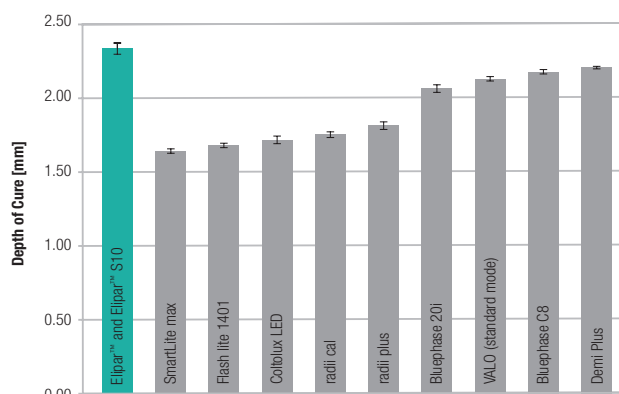
Confidence during any curing procedure

Highest depth of cure at clinically relevant distance of 7 mm compared to leading devices tested

- up to 5 times more intensity, due to more focused light output
- more effective intensity distribution across the irradiated surface



The beam from the Elipar™/Elipar™ S10 LED Curing Light has a smaller angle of beam spread, maintaining a higher intensity at a 7 mm distance. Source: 3M ESPE internal data



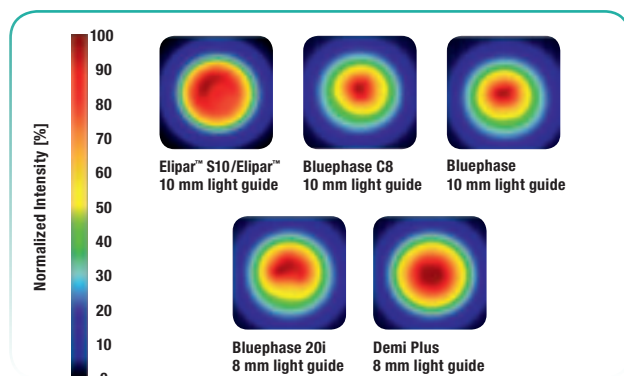
Special optics and effective intensity distribution translate into highest depth of cure among devices tested. Filtek™ Supreme XTE Universal A3B, 10 seconds cure time. Distance between tip and composite 7 mm. Source: 3M ESPE internal data

One shot, large surface curing

- wide 10 mm light guide allows to cure larger restorations on the first shot (e. g. MODs)

Intuitive operation

- simple two button operation with one cure mode that covers all indications



The images show clearly that Elipar™ delivers a more effective intensity distribution at 7 mm distance and with that a more effective light output (see extent of red areas with highest intensity). Source: 3M ESPE internal data

3M ESPE

Technical data at a glance

	Elipar™ High Performance – More Value	Elipar™ S10 High Performance – Unique Design
		
		 reddot design award winner 2010 
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/cm ²	1200 mW/cm ²
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. Battery lifetime: approx. 5 years	Lithium-ion battery Capacity: approx. 60 min. Charging time empty battery: approx. 90 min. Battery lifetime: approx. 5 years
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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