

3M Science.
Applied to Life.™

**3M™ Elipar™ DeepCure-S
LED Curing Light**

**Have
confidence
in a deep,
uniform cure.**



Be sure of your cure.

3M™ Elipar™ DeepCure-S LED Curing Light

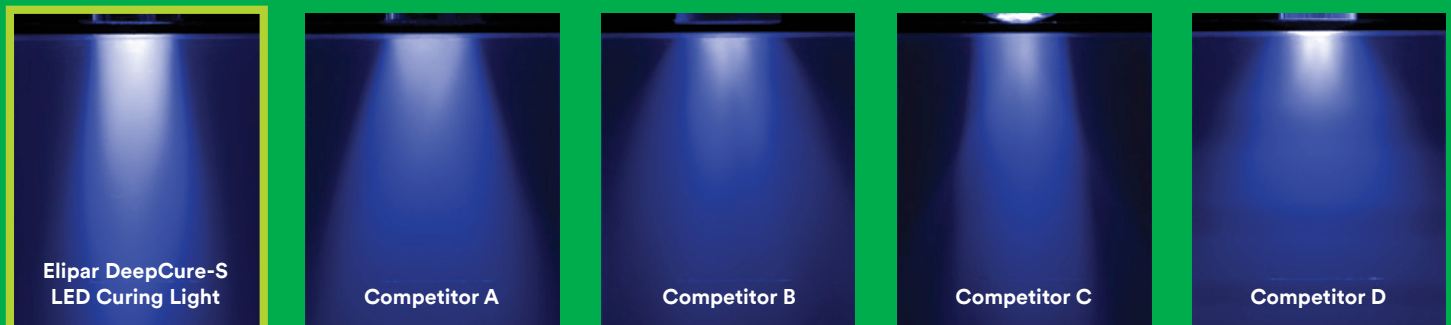
Can you effectively polymerize resin composite material deep in the cavity? We took this as a challenge and created a new high-performing light that delivers a focused output of 1,470 mW/cm².



A deep, uniform cure.

The Elipar DeepCure-S LED Curing Light holds true to its name. Due to optimized optics, you can be confident that your restorations will have a deep, uniform cure—from center to rim, from surface to cavity bottom and at clinically relevant distances. Laboratory test results below prove why.

Comparison of light penetration



More homogeneous energy distribution throughout the restoration. Images comparing the light penetration of various light curing devices show that the 3M™ Elipar™ DeepCure-S LED Curing Light produces a more collimated and uniform beam profile—even in deeper areas.

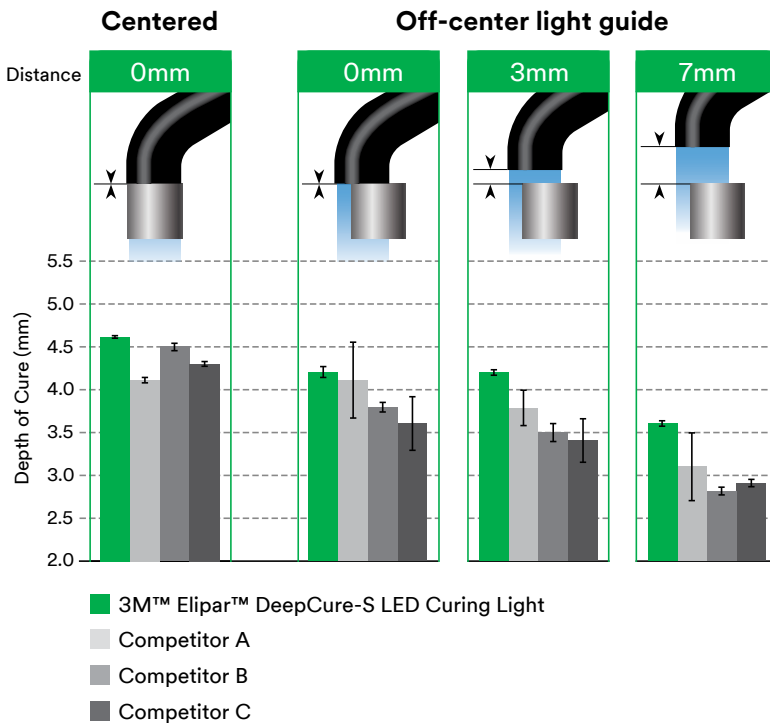
Source: 3M internal data

What does this mean for your clinical results?

It means an equal or higher depth of cure, especially if the light positioning is difficult.

The 3M™ Elipar™ DeepCure-S LED Curing Light helps to compensate for slight movements during curing, delivering the highest depth of cure, as shown below.

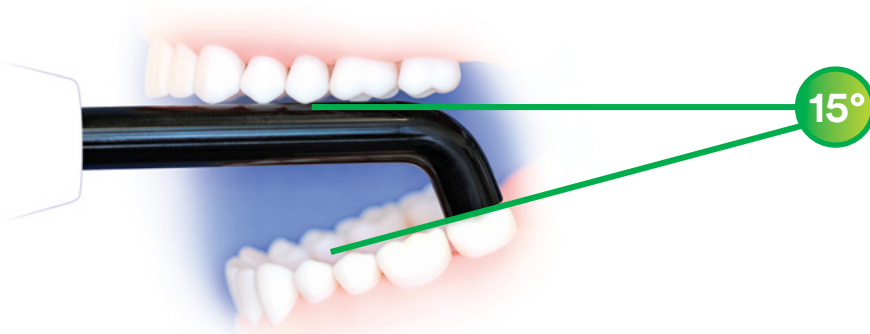
Depth of cure (mm) for various positions



Samples of 3M™ Filtek™ Bulk Fill Posterior Restorative, Shade A3, were cured for 20 seconds at different curing light positions. Source: 3M internal data

Designed for comfort.

The light guide of the Elipar DeepCure-S LED curing light is designed with an optimum angle and height that makes it more comfortable for patients—even those with limited mouth-opening abilities. Clinicians also find it comfortable to use, with easier access to all tooth surfaces, even in the hard-to-reach posterior area.



Dentist satisfaction ratings*

98% were satisfied or very satisfied with the light.

90% said it increases confidence of a full cure to the bottom of the proximal box.

*Source: Application test conducted with dentists in the U.S.A., Germany, Turkey and Denmark.

For all clinical procedures where light curing matters.

The Elipar DeepCure-S LED curing light can be used with all 3M materials to produce reliable results.**

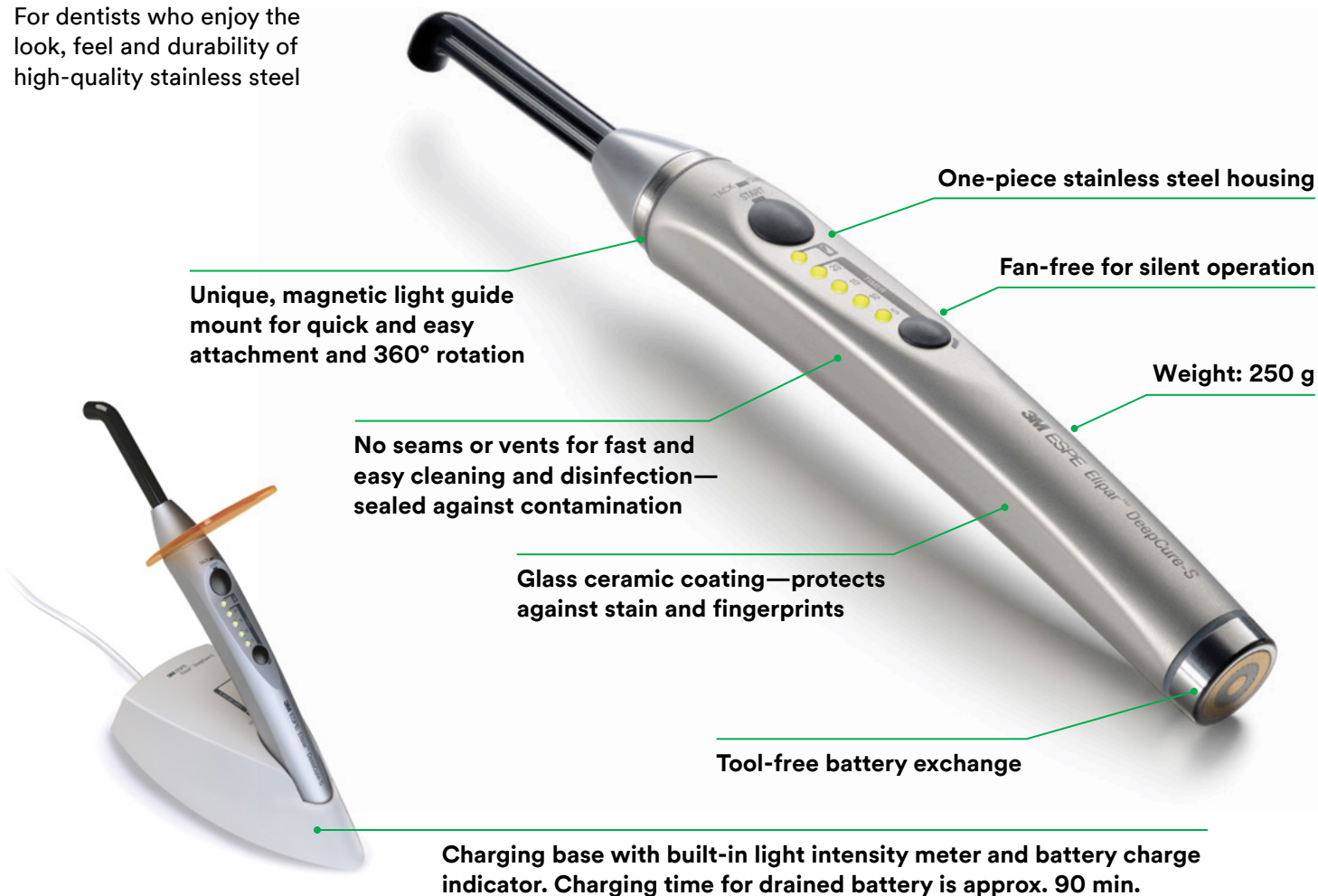
- 3M™ Filtek™ Composites
- 3M™ Scotchbond™ Universal Adhesive
- 3M™ RelyX™ Cements
- 3M™ Clinpro™ Sealant



**3M™ Elipar™ DeepCure-S LED Curing Light is compatible with all campherquinone- and Ivocerin-based photoinitiators.

3M™ Elipar™ DeepCure-S LED Curing Light

For dentists who enjoy the look, feel and durability of high-quality stainless steel



One-piece stainless steel housing

Fan-free for silent operation

Weight: 250 g

Unique, magnetic light guide mount for quick and easy attachment and 360° rotation

No seams or vents for fast and easy cleaning and disinfection—sealed against contamination

Glass ceramic coating—protects against stain and fingerprints

Tool-free battery exchange

Charging base with built-in light intensity meter and battery charge indicator. Charging time for drained battery is approx. 90 min.

Technical Performance Data

Wavelength	430–480 nm
Light intensity	1,470 mW/cm ² (-10%/+20%)
Power supply	Lithium-ion battery Approx. 120 min. battery runtime (~720 10-sec. cures) with constant light output regardless of battery charge
Operation	Intuitive two-button and single-mode operation Pre-set cure times: 5, 10, 15 and 20 seconds, continuous mode (120 sec.) and tack-cure mode
Curing time	Refer to material instructions; 10 sec. for many composites
Light guide	10 mm; black coated; autoclavable; optimal intraoral reach due to user- and patient-friendly geometry

Ordering Information—Stainless Steel

Item #	Product Information
76976	3M™ Elipar™ DeepCure-S LED Curing Light Contains: Handpiece (Cordless), Charging Base; Li-ion Battery; 10mm Light Guide; Eye Shield
76981	3M™ Elipar™ DeepCure-S Light Guide, 10mm
76984	3M™ Elipar™ DeepCure Eye Shield
76985	3M™ Elipar™ DeepCure-S Rechargeable Li-ion Battery

www.3M.com/CuringLights



3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000 USA
Phone 1-800-634-2249
Web 3M.com/dental

3M Canada
Post Office Box 5757
London, Ontario N6A 4T1
Canada
Phone 1-888-363-3685

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