

3M Science.
Applied to Life.™

**3M™ Elipar™ DeepCure
LED Curing Lights**

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



Be sure of your cure.

3M™ Elipar™ DeepCure LED Curing Lights

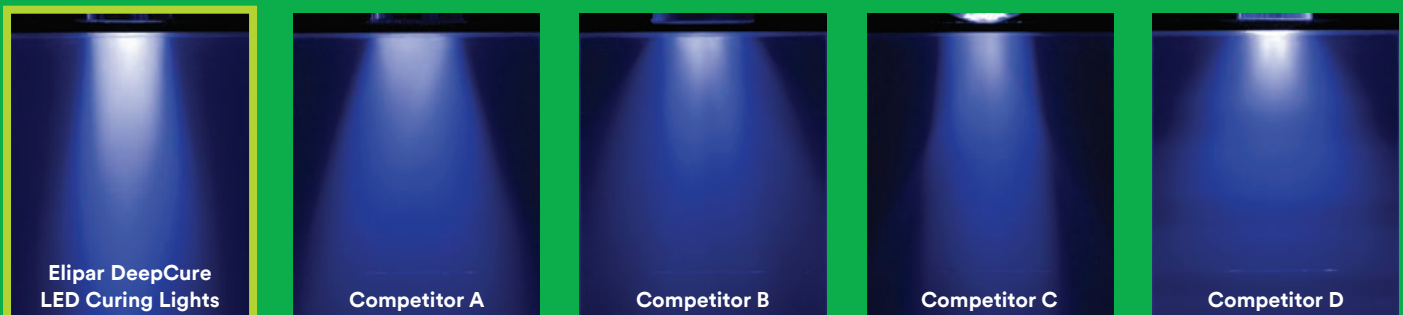
Can you effectively polymerize resin composite material deep in the cavity? We took this as a challenge and created new high-performing lights that deliver a focused output of 1,470 mW/cm².



A deep, uniform cure.

Elipar DeepCure LED curing lights hold true to their 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



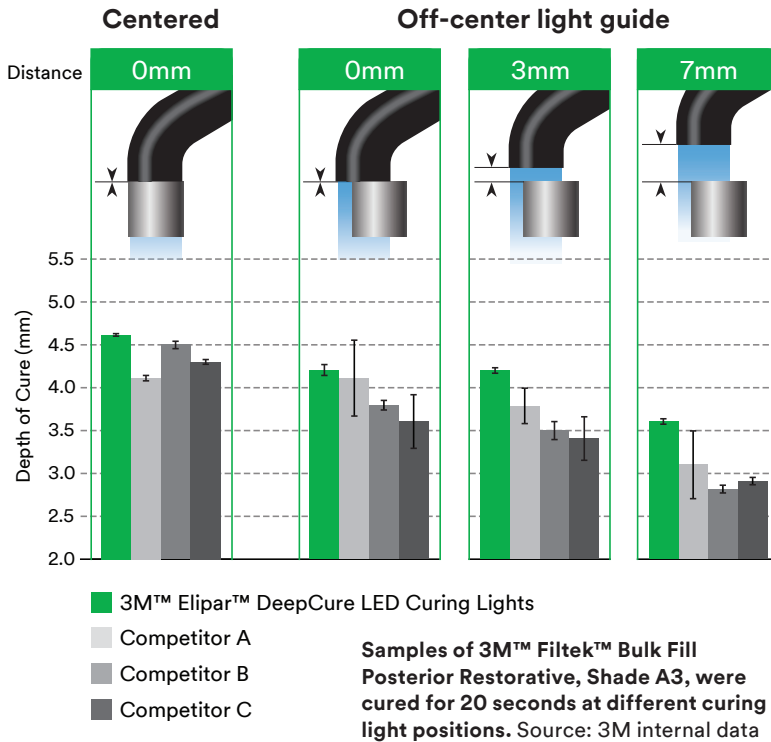
More homogeneous energy distribution throughout the restoration. Images comparing the light penetration of various light curing devices show that the 3M™ Elipar™ DeepCure LED Curing Lights produce a more collimated and uniform beam profile—even in deeper areas. Source: 3M internal data

What does this mean for your clinical results?

It means a high depth of cure, especially if the light positioning is difficult.

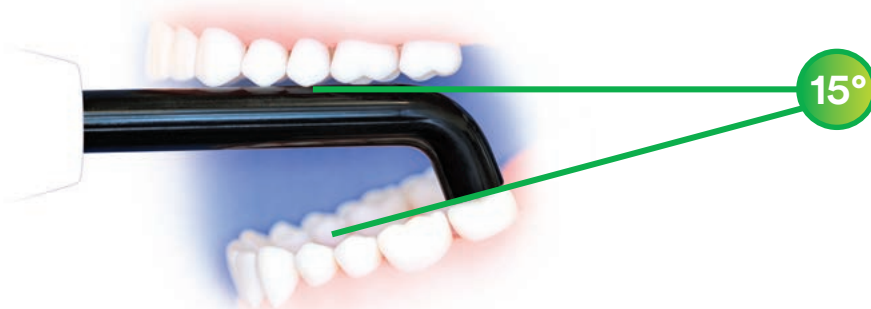
3M™ Elipar™ DeepCure LED Curing Lights help to compensate for slight movements during curing, delivering a high depth of cure, as shown below.

Depth of cure (mm) for various positions



Designed for comfort.

The light guides of the Elipar DeepCure LED curing lights are designed with an optimum angle and height that make 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.

88% felt it made the curing process less sensitive to user variability.

*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 LED curing lights 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 LED Curing Lights are compatible with all campherquinone- and Ivocerin-based photoinitiators.

Choose from two models, both with identical technical performance.

3M™ Elipar™ DeepCure-S LED Curing Light

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



3M™ Elipar™ DeepCure-L LED Curing Light

For dentists who want high performance in a lightweight model



Technical Performance Data for Both Models

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
76975	3M™ Elipar™ DeepCure-S LED Curing Light Contains: Handpiece (Cordless), Charging Base (230V); 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

Ordering Information—Lightweight

Item #	Product Information
76973	3M™ Elipar™ DeepCure-L LED Curing Light Contains: Handpiece (built-in Li-ion battery); Universal Power Supply with 5 adaptors; 10mm Light Guide; Eye Shield; 3 Curing Discs
76983	3M™ Elipar™ DeepCure-L Light Guide, 10mm
76984	3M™ Elipar™ DeepCure Eye Shield
76965	3M™ Elipar™ DeepCure-L Curing Discs (5 pcs.)

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3M

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