

**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

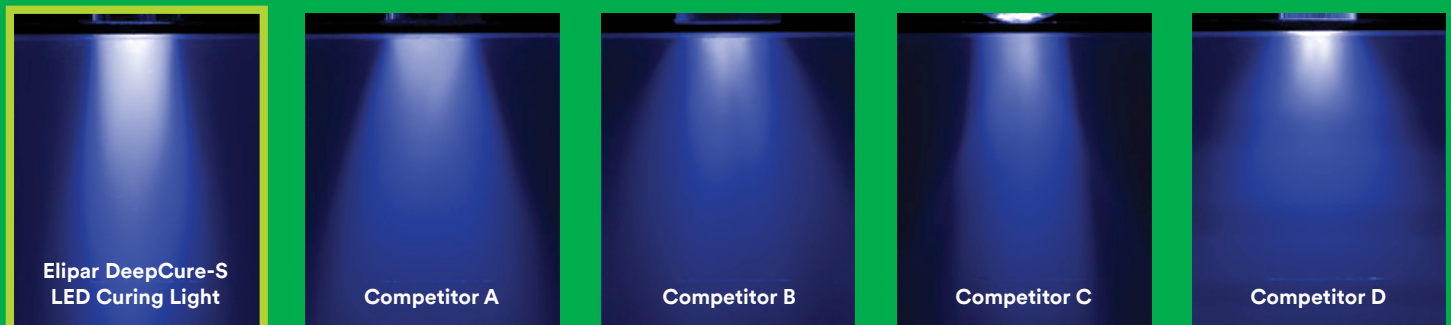
Can you effectively polymerize resin composite material deep in the cavity? We took this as a challenge and created a new high-performing light that delivers a focused output of 1,470 mW/cm<sup>2</sup>.



### 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.

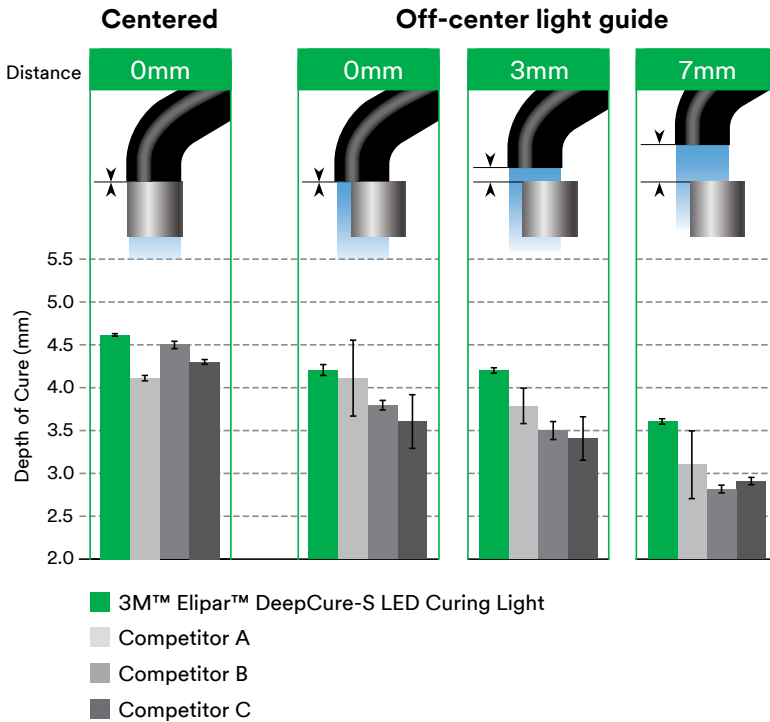
Source: 3M internal data

# 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.

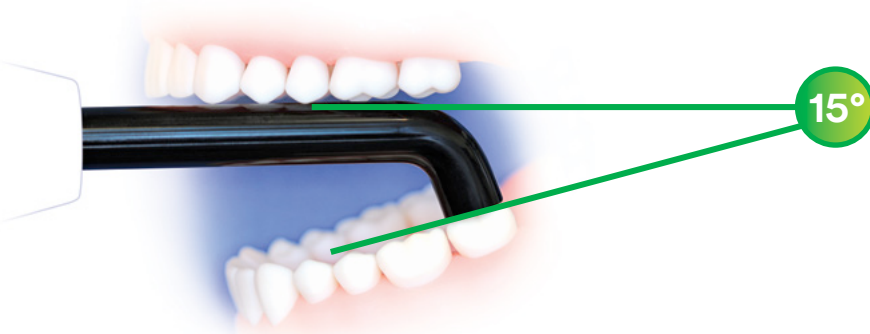
## Depth of cure (mm) for various positions



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.\*\*

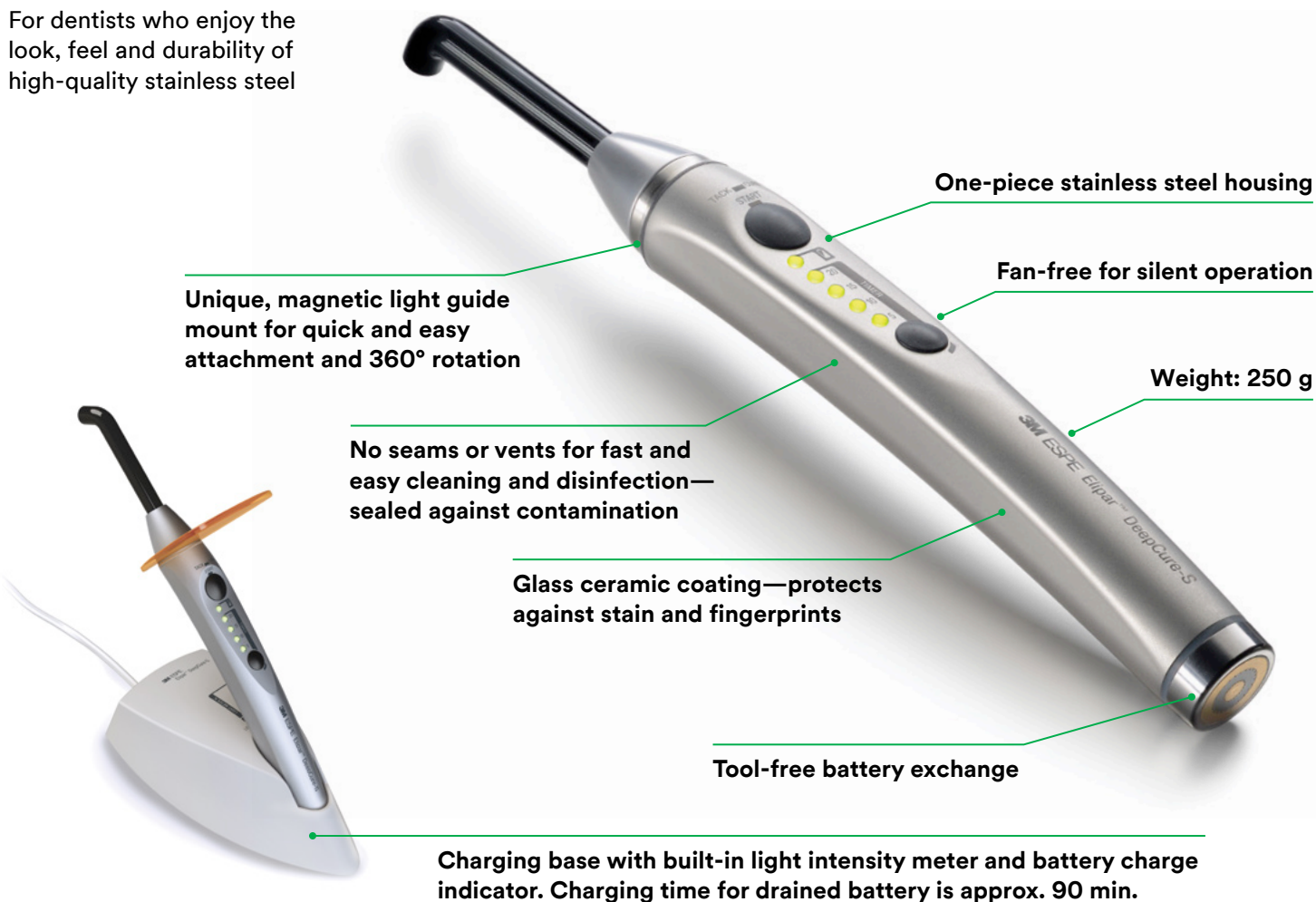
- 3M™ Filtek™ Composites
- 3M™ Scotchbond™ Universal Adhesive
- 3M™ RelyX™ Cements
- 3M™ Clinpro™ Sealant



\*\*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

<b>Wavelength</b>	430–480 nm
<b>Light intensity</b>	1,470 mW/cm <sup>2</sup> (-10%/+20%)
<b>Power supply</b>	Lithium-ion battery Approx. 120 min. battery runtime (~720 10-sec. cures) with constant light output regardless of battery charge
<b>Operation</b>	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
<b>Curing time</b>	Refer to material instructions; 10 sec. for many composites
<b>Light guide</b>	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](http://www.3M.com/CuringLights)



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