

Have confidence in a deep, uniform cure.

3M™ Elipar™ DeepCure LED Curing Lights



Be sure of your cure.

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.

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.

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

Comparison of light penetration



Summary of advantages

- More collimated and uniform beam profile even in deeper areas than other light curing devices tested¹
- A predictable, reliable cure, even at the bottom of the proximal box
- High depth of cure, especially if light positioning is difficult
- Optimized light guide geometry allows easy access to all tooth surfaces
- Two models: a high-quality, durable stainless steel, or an equally high-performing lightweight model

1. 3M internal data.

Choose from two models, both with identical technical performance.

3M™ Elipar™ DeepCure-S LED Curing Light



3M™ Elipar™ DeepCure-L LED Curing Light



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 sec., 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

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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