

Have confidence in a deep, uniform cure.

3M™ Paradigm™ DeepCure LED Curing Light



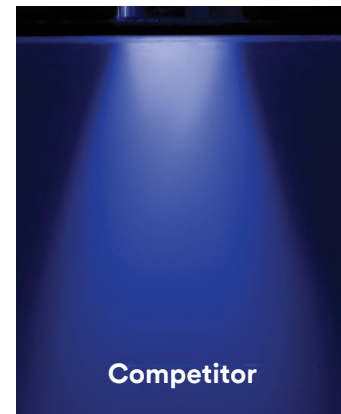
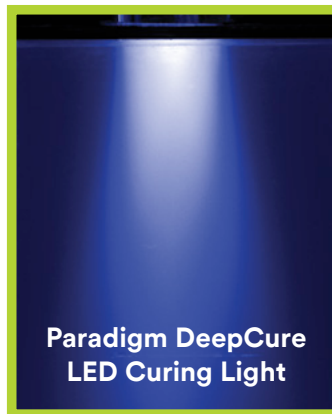
A lightweight model that's simple to use.

The Paradigm DeepCure LED Curing Light delivers a focused output of 1,470 mW/cm². You can have confidence in a safe, reliable and consistent cure—even at the bottom of the proximal box of your larger restorations.

Light in weight but not light on power, it delivers a high depth of cure compared to other light curing devices tested—even when perfect light positioning is difficult. This helps to compensate for user variability and slight movement during curing.

More homogeneous energy distribution throughout the restoration. Images comparing light penetration show the 3M™ Paradigm™ DeepCure LED Curing Light produces 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

- A predictable, reliable cure, even at the bottom of the proximal box
- High depth of cure, especially if light positioning is difficult
- 10mm light guide allows easy access to all tooth surfaces
- 120 minutes of cure time from a full charge
- Economical, lightweight model

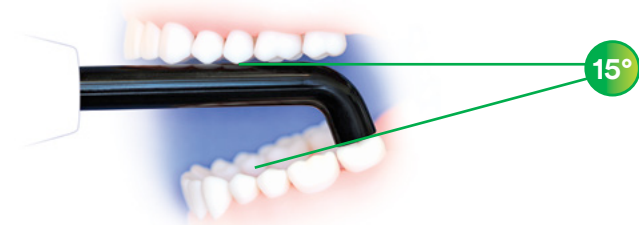
3M™ Paradigm™ DeepCure LED Curing Light

Designed for maximum efficiency

- Simple, intuitive two-button operation
- Multiple-setting light timer with easy, push-button control offers preset cure times of 5, 10, 15 and 20 seconds, and a continuous 120-second mode
- Tack cure mode allows predictable curing and easier removal of excess light curing cement

Designed for comfort.

The light guide of the Paradigm DeepCure 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.



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 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—Lightweight

Item #	Product Information
76974	3M™ Paradigm™ DeepCure LED Curing Light Contains: Handpiece (built-in Li-ion battery); Universal Power Supply with NA adaptors; 10mm Light Guide; Eye Shield; 3 Curing Discs
76982	3M™ Paradigm™ DeepCure Light Guide, 10mm
76986	3M™ Paradigm™ DeepCure Eye Shield
76965	3M™ Paradigm™ DeepCure Curing Discs (5 pcs.)



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