FUSION™ Curing Light

The new standard in power, size and reliability

The award-winning and clinically-proven cordless FUSION displays an unparalleled uniform beam profile of over 2700 mW/cm² power with cure depth matching that of plasma light. Laser-like focused beam LED technology enables 5-second cures of all composites. Including tips from 3mm to 13mm, 360° swivel head, and a smart battery you can always count on.

Irradiance Maps at Light Tips (Color Coded in mW/cm²)

Seeing is believing

Three-dimensional irradiance profile at the light tip shows FUSION with the most uniform and highest irradiance levels among the four lights at all distances from 0 to 8mm.

Data Courtesy of Dr. Richard Price, Dalhousie University

Ease of Use and Smart Built-in

New and upgraded metal keypad with raised buttons, seven preset digital programs, battery bars and two power level settings including default plasma-like high power mode. One-click operation with no annoying sleep mode. Exam light option as adjunct diagnostic tool. Cordless and pocket-size portability.

Built To Last

Solid metal modularized kits setting it apart from the mass of plastic lights in quality, durability, ease of disinfection control and service.

Standard Two-year Warranty

Call 1.800.763.6901 today or visit www.dentlight.com
Dr. Howard S. Glazer, DDS, FAGD
*Power, power, power. Seems to be the buzz word with all the new curing lights coming into the marketplace. And rightly so. DentLight’s Fusion Curing light is just such a powerful light that offers two easily toggled power modes: standard at 800 mW/cm² and high at 1500 mW/cm². This provides the operator with a good deal of flexibility in depth of cure. The unit itself is lightweight, nicely balanced and very sleek. Fusion’s 360° swivel head has a Focused Beam Lens, 10 mm wide, which provides for a fairly well collimated light which is important for deep restorations which may be 8-10 mm from the head of the light source. There is an optional White light module for transluminisation and this unit can be mounted and charged on the dentist unit itself. Fusion is available in four colors: Silver, Pink, Blue and Gold. This is an extremely versatile light that offers a lot for less...and that’s a good deal!*

“What’s Hot and What’s Getting Hottest!” AGD IMPACT, December 2009

Dr. Richard Price, Dalhousie University, Halifax, NS, Canada
*“Four commercial curing lights were used: Deni (Kerr), Bluephase 16i (Ivoclar-Vivadent), Fusion (DentLight), and FlashLite Magna (Discus). ... The Fusion delivered the greatest irradiance at all distances up to 8 mm.”* September, 2009

Dr. David S. Hornbrook, DDS, FAACD
*I am happy to say that the Fusion is an excellent light!*, Aug., 2009

Reality Publishing: the Ratings - LED Curing Lights
*“Amazing power for such a small, lightweight unit, aluminium cladding sets it apart from the mass of plastic competitors, looks good on the cabinet top, four different colors gives you a decor choice, unusual to have a digital timer and an LCD in a light this size, ability to switch from cordless to corded if necessary, remembers the last setting if you turn it off, no annoying dim mode, easily removable battery in the event you need to change it, low cost”, December 2008

Dental Product Shopper
*“Best Product...to rate the output power of the Fusion curing light, seven evaluators rated it as excellent and 1 rated it as good. One evaluator called the output power fantastic. Another evaluator said, 1500 mW/cm² is great!” Independent Product Review, September 2008

Dr. Blair Keck DDS
*“This unit (FUSION) 2008 is very simple to use, both the Dr. and myself can’t say enough good things about this unit - GREAT! Very fast in curing, it really cuts time in half. A great space saver. The unit is sleek, we like the nickel finish, class look. The options are simple to use and the use for veneers for taking time is wonderful.”* Aug., 2008

Independent Non-Profit Dental Education and Product Testing Foundation.
*“FUSION has been evaluated favorably by an independent non-profit dental education and product testing foundation. Full data is available upon request. LED Curing Lights - Status Report, July 2008, VOLUME 1, ISSUE 7; DR. FRED A. RUEGGEBERG
*“As a result of its low dispersion, FUSION shows the highest power density at 5-mm tip distance among 22 LED lights and provides more than two times the intensity of many other LED curing lights at 10mm away from the tip.” *A Clinicians Guide to Light Curing* Academy of Operative Dentistry, Annual Meeting, Feb., 2007.

DR. GEORGE FREEDMAN DDS
*“The FUSION from Dentlight uses a patented light-generating technology to provide an outstanding clinical output of more than 1,500 mW/cm². The light beamining technology significantly reduces the dispersion of light along its direction of propagation and narrows the angle of light diffusion, providing a concentrated and relatively wide curing spot. As composites with ever lower polymerization shrinkage properties are developed, the FUSION curing light may allow single step bulk curing of these materials” *First Impressions*, May 2007, Dentistry Today

STEPHEN M. BURTON, DDS
*“This letter is in reference to the product FUSION hand-held curing light, which is the finest instrument I have used in years. It is small, powerful, easy to use, and has been extremely dependable. The other thing that has been remarkable about this light is the depth it will go in the tooth structure. I have found the material harder set with this light.” SALT Lake City, Utah, 2006

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