





"VALO is an LED curing light with variable intensity output from 1000 to 3200 mW/cm². Well designed to reach the most posterior cavity with minimum light diversion and loss of energy, VALO is tough enough to withstand any office abuse yet durable enough to exceed our day-to-day clinical expectation of a curing light."
DR. NASSER BARGHI



"VALO is a fantastic piece of equipment. Clinicians no longer have to choose between normal output, high-intensity output, or the power of a PAC light because VALO offers all three in one lightweight, compact, durable unit. VALO's ability to produce the greatest amount of energy at distances up to 10mm from the tooth is just amazing. I have been using this light for some time and would not want to be without it."
DR. JOHN KANCA

VALO TECHNICAL INFORMATION

Range of Light Output (nm)	395 nm–480 nm	
Wand	Weight	VALO: 115 g (4.1 oz) VALO Cordless: 170 g (6 oz)
	Dimensions	VALO Cordless without batteries: 136 g (4.9 oz) VALO: 9.25" L x 0.8" W x 0.75" H VALO Cordless: 8" L x 1.1" W x 1.3" H
VALO Power Supply	9V DC at 2A, medical grade (UL CE) with surge protection of 100VAC to 240VAC	
VALO Cordless Power Supply	Rechargeable batteries LiFePO ₄ , RCR123A, Smart battery charger 3.6 VDC LiFePO ₄ , Medical grade power adapter (UL, CE, RoHS, WEEE) 100VAC 240VAC	
Irradiance (mW/cm ²)	Standard Power	1000 mW/cm ² *
	High Power	1400 mW/cm ² *
	Xtra Power	3200 mW/cm ² †
Lens Diameter Beam Diameter at Curing Surface	9.6 mm	
	10.5 mm	
Light Timing Programs	Adjustable time options  	

*As measured by a properly calibrated Demetron radiometer
†As measured by an integrating sphere (DenMat Sapphire Plasma Arc Curing Light – Irradiance measured at 2600 mW/cm² using an integrating sphere)

#5934 - PointCure Lens 2pk
2 - PointCure lenses

#5936 - ProxiCure Ball Lenses 2pk
1 - Each large and small

#5937 - TransLume Lenses 2pk
1 - Each orange and green

#5938 - EndoGuide Lens 2pk
2 - EndoGuide lenses

#5939 - Black Light Lens 1pk
1 - Black light lens

NOTE: Lenses are reusable, may be cold sterilized



#5919 - VALO Kit
1 - VALO LED curing light - 7' cord
1 - Power supply with universal plugs - 6' cord
1 - Handpiece bracket holder
1 - Light shield
50 - VALO barrier sleeves



#5941 - VALO Cordless Kit
1 - VALO Cordless LED curing light
4 - Rechargeable batteries
1 - Battery charger
1 - Charging unit power supply
1 - Handpiece bracket holder
1 - VALO Cordless light shield
50 - Barrier sleeves

800.552.5512 ULTRADENT.COM

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Improving Oral Health Globally



VALO

broadband LED curing light



THE
**RIGHT
POWER**
IN THE
**RIGHT
PLACE**



THE VALO STORY

When VALO launched in 2009, it quickly gained recognition for its powerful broad-spectrum output, durable design, and ability to access any area of the mouth. Even in a market full of cordless devices, VALO's corded version made a significant impact on the industry.

In 2011 we introduced VALO Cordless, offering the same superior curing capabilities of the original VALO with the freedom of a cordless wand. VALO Cordless offers mobility without compromise. Weighing

a mere two ounces more than the original VALO and with identical programming and power output, VALO Cordless operates on two lithium iron phosphate batteries that deliver the consistent high-energy power VALO requires. These batteries are also inexpensive, rechargeable, and widely available.

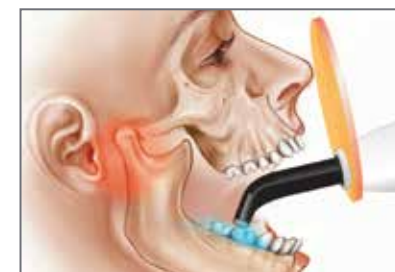
ENGINEERED FOR DURABILITY

Every VALO starts as a solid bar of tempered, high-grade, aerospace aluminum, which is CNC precision milled at Ultradent's facility in Utah, USA. True unibody construction ensures VALO's durability and provides unsurpassed heat dissipation. With its aluminum wand, machined components, and tempered glass lens, VALO is the most durable curing light available.

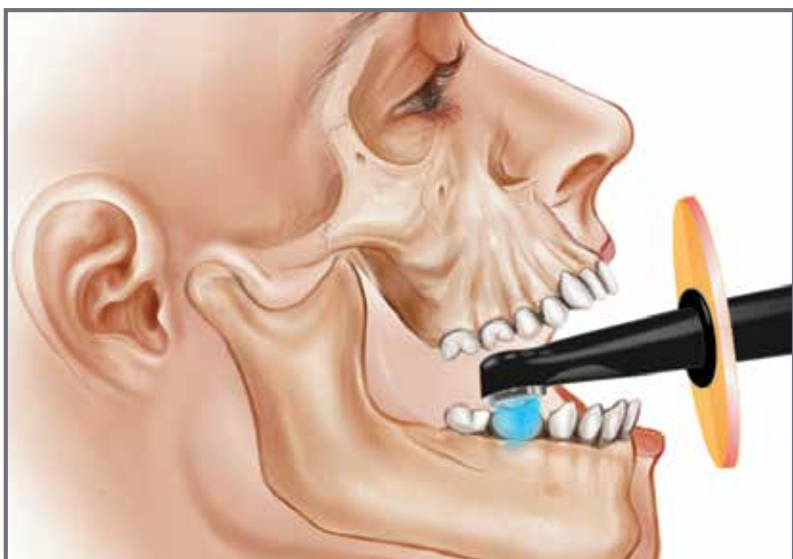


UNMATCHED ACCESSIBILITY

VALO's wand-style body and lens system eliminate the need for a light guide, allowing direct access to all areas of the mouth without overstretching a patient's TMJ and soft tissues—a common problem that can occur with other lights. The elegant, ergonomic, and streamlined design enables VALO to easily reach all curing sites, delivering energy directly without sacrificing patient comfort.



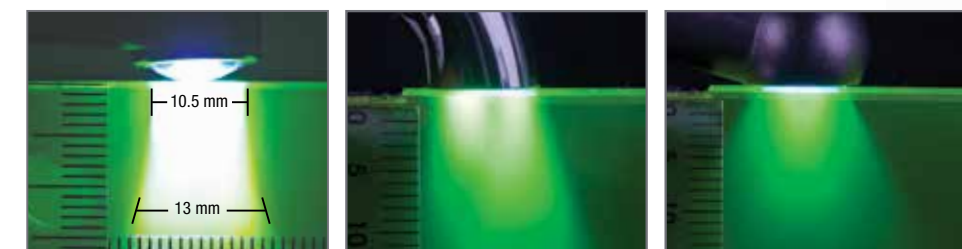
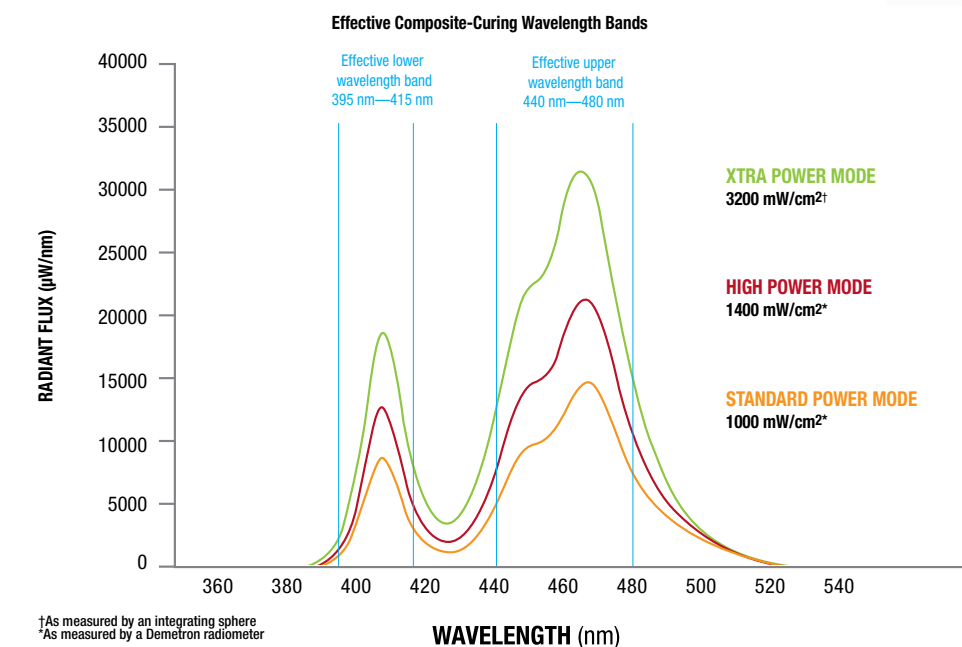
Competitor light guides require overstretching of the soft tissues and also result in energy loss to the curing site due to the unavoidable angle caused by the light guide.



VALO's low-profile design accesses hard-to-reach spots, even in smaller mouths, delivering maximum energy perpendicular to the surface of the preparation.

POWERFUL BROAD-SPECTRUM CURING

VALO uses a custom, multiwavelength LED for producing a high-intensity light at 395–480 nm. This broad-spectrum light output means VALO is capable of polymerizing all light-cured dental materials—including camphorquinone and the entire range of proprietary photoinitiators. In addition, VALO's large 9.6 mm footprint and optimally collimated beam deliver consistent, uniform power over a range of surfaces and working distances. Other curing lights' beams dissipate even at distances as short as 4 mm, which results in



VALO

Competitor 1

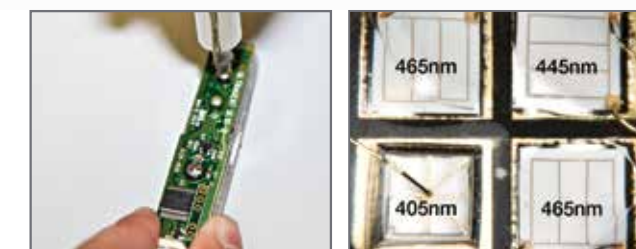
Competitor 2

Unlike the intense collimation VALO offers, competitor lights produce beams that are uneven or dissipate even at distances as short as 4 mm.

significant energy loss to the curing site. The intensity and consistency of VALO's collimated beam, combined with the proprietary LED pack and broad-spectrum output, deliver the energy needed to completely polymerize any resin—even at distances as far as 10 mm from the restoration site.



From a solid bar of tempered, high-grade aerospace aluminum to the most advanced curing light in the world—that's the VALO story.



VALO's high-tech circuitry produces three curing modes: Standard Power, High Power, and Xtra Power. VALO is three lights in one!

VALO's custom LED pack emits three wavelengths, enabling VALO to activate camphorquinone and the entire range of proprietary photoinitiators.

