



VALO™

GRAND

ECLIPSING THE
COMPETITION.

BLACK | RED ROCK | SAPPHIRE | MIDNIGHT



THE VALO CURING LIGHT STORY

When Ultradent launched the original VALO curing light in 2009, it quickly gained recognition for its powerful broad-spectrum output, durable design, and ability to access any area of the mouth. Constructed from a solid bar of tempered, high-grade, aerospace aluminum and CNC precision milled, the VALO curing light is the most durable curing light available. Even in a market full of cordless devices, the corded VALO curing light made a significant impact on the industry.

In 2011, we introduced the VALO Cordless curing light, which offers the same superior curing capabilities of the original VALO light with the freedom of a cordless wand. The VALO Cordless curing light offers mobility without compromise. Weighing a mere two ounces more than the original VALO light and with identical programming and power output, the VALO Cordless light operates on two lithium iron phosphate batteries that deliver the consistent high-energy power the VALO curing light requires.

In 2016, the VALO Grand curing light was introduced. The VALO Grand light provides all the power, durability, and accessibility of the VALO light and the VALO Cordless light, but with a 50% bigger lens.



WHAT ARE YOU MISSING?

When it comes to curing, the circumstances aren't always ideal. Squirming patients, sectional bands blocking the light from getting to the entire restoration, or even a simple hand movement can prevent a complete cure. That's where the VALO Grand curing light comes in. The VALO Grand light has a large 12 mm lens that allows you to cover more area in a single cure. With the VALO Grand light, you won't miss a thing.



AVERAGE
COMPETITOR

SURFACE
AREA

107
mm²

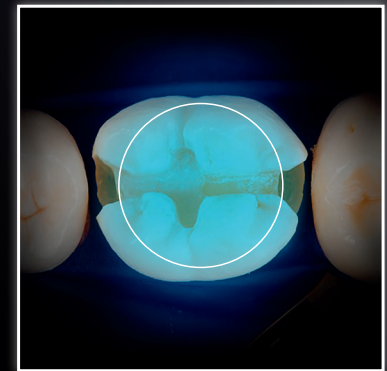
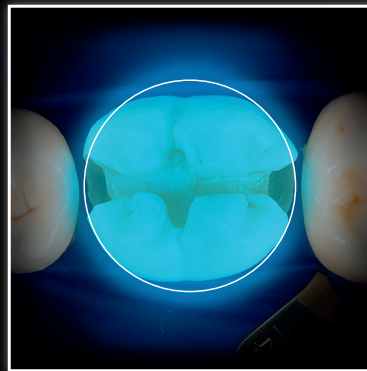
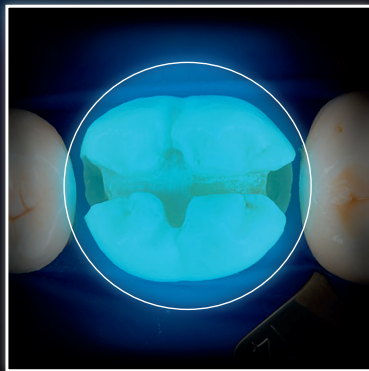
78
mm²

46
mm²

ACTUAL
SIZE

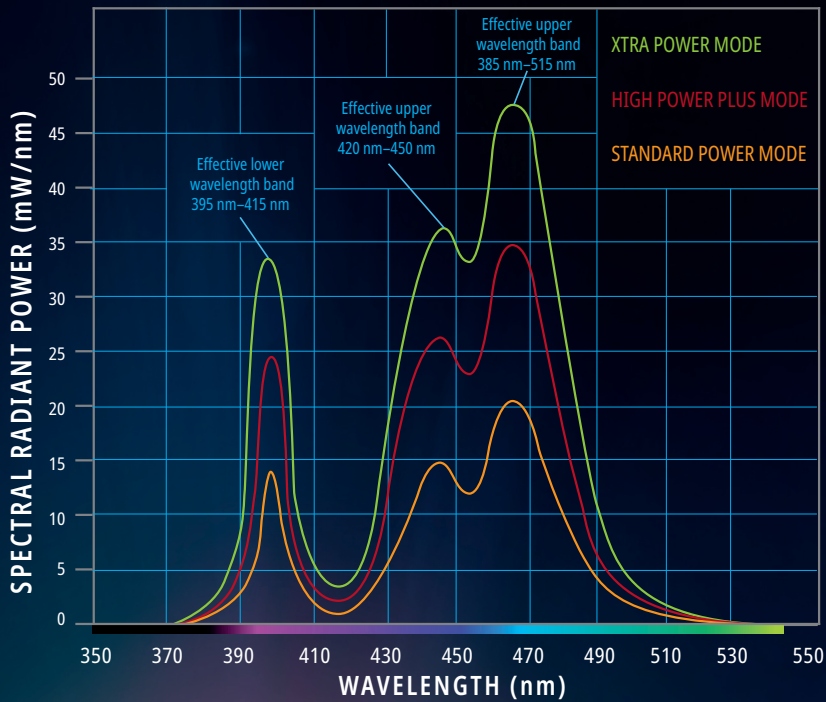


10 MM
MOLAR
COVERAGE

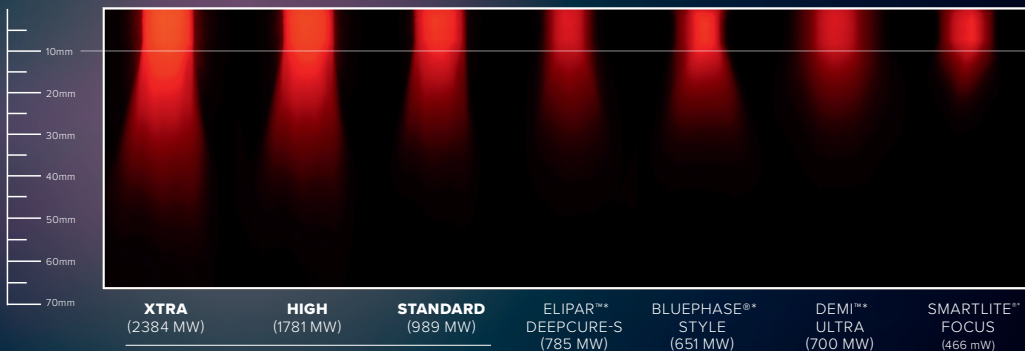


POWERFUL BROAD-SPECTRUM CURING

Effective Composite-Curing Wavelength Bands

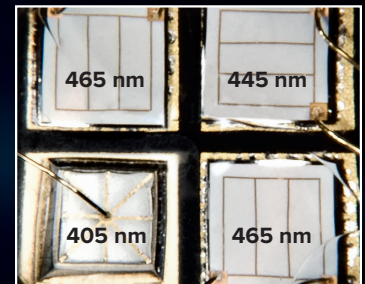


A lot of curing lights only have a single LED chip that operates on one wavelength. This can create hot and cold spots in the beam, which makes uniform curing nearly impossible. The original VALO curing light was created to answer that problem. With four powerful LEDs that deliver a uniform light over a broad spectrum, you know that you are getting a powerful, uniform cure that will last. The VALO Grand curing light has that same uniform power you expect, plus a larger lens.



VALO™ GRAND

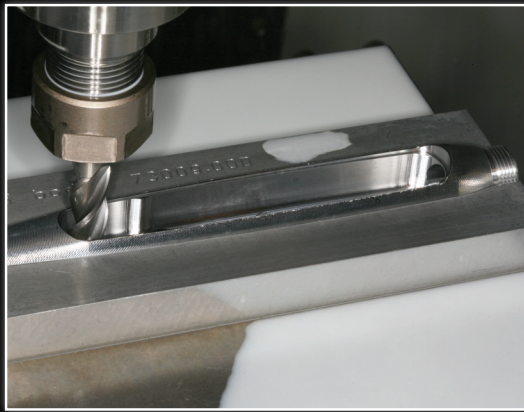
*Trademark of a company other than Ultradent



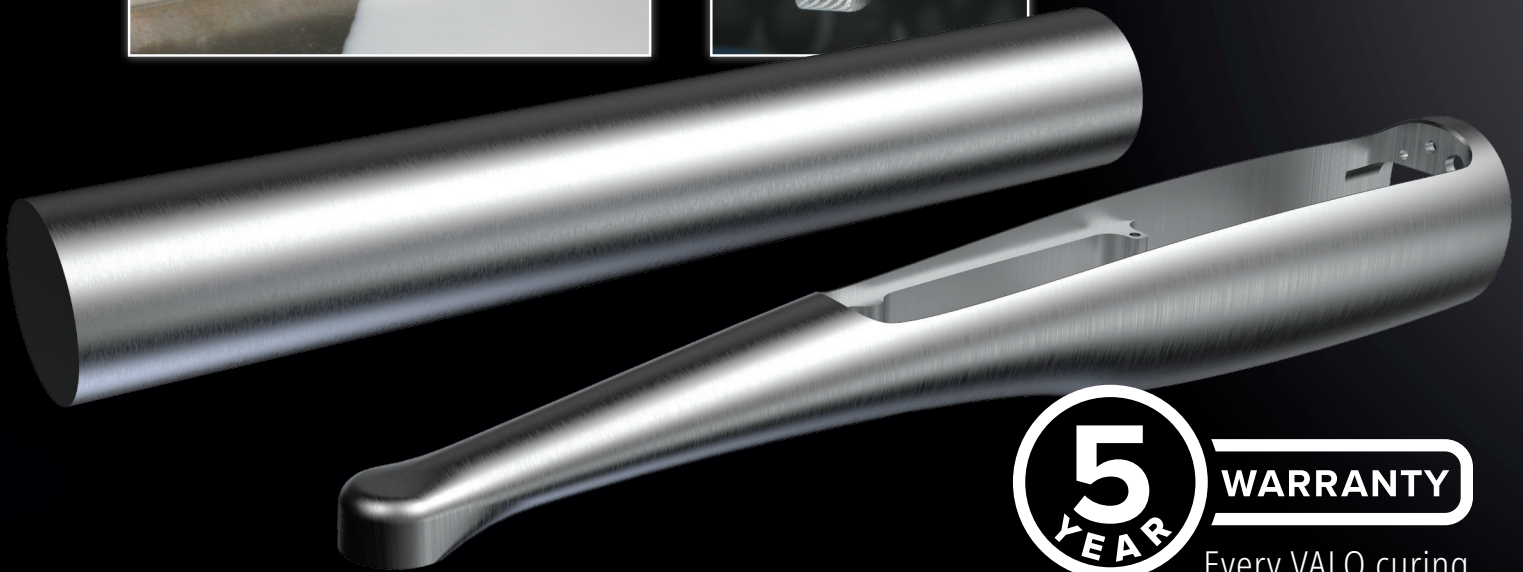
The VALO Grand light's custom LED pack emits three wavelengths, enabling the light to activate camphorquinone and the entire range of proprietary photoinitiators.

ENGINEERED FOR DURABILITY

A curing light is an essential part of the office. So when they are fragile and break easily, it can be frustrating. All of our VALO curing lights are created from solid bars of high-grade aerospace aluminum, making any VALO light virtually indestructible. You won't have to worry about accidentally knocking it off of the tray onto the floor—the VALO Grand curing light can handle it.



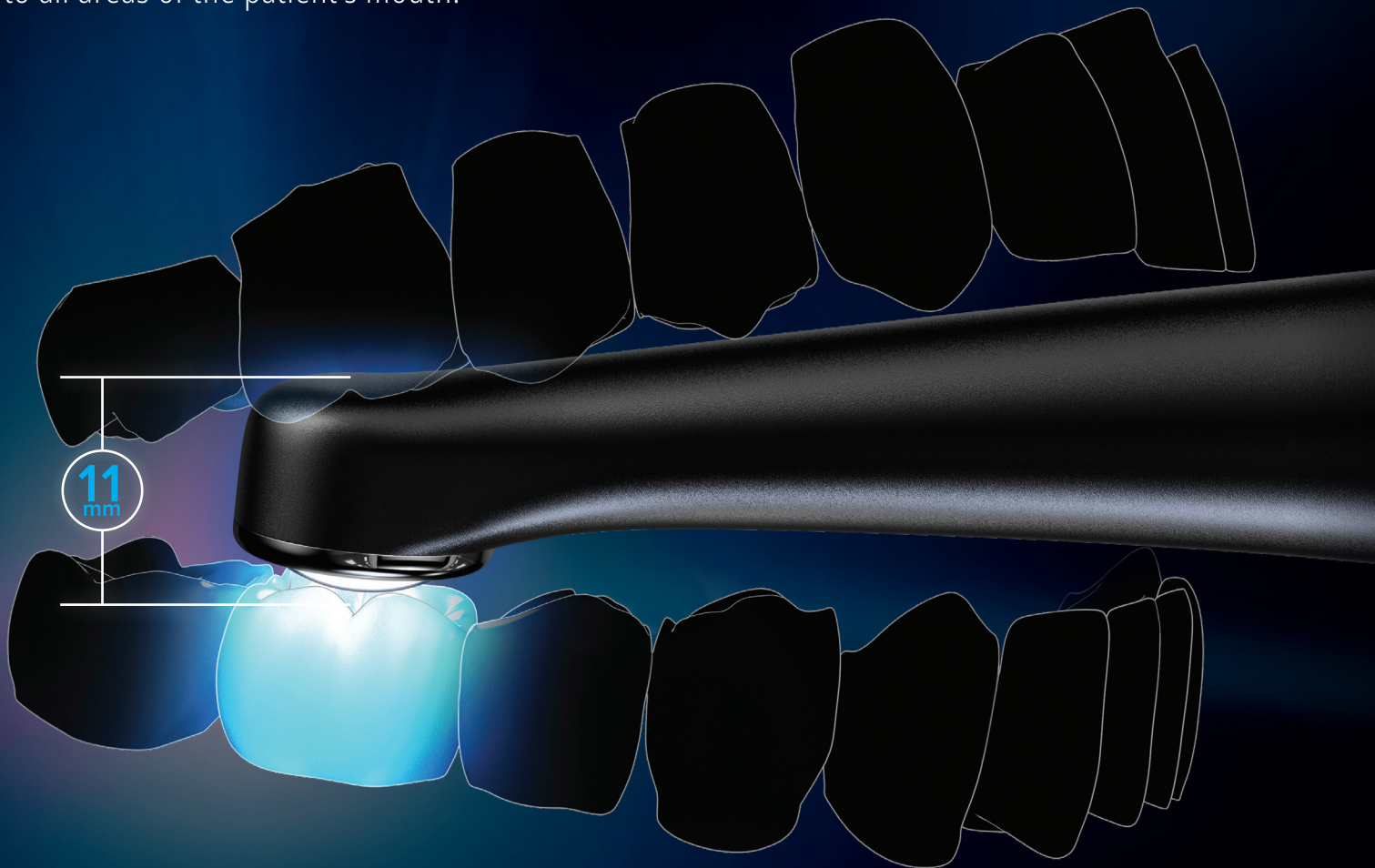
With unibody construction from a solid bar of tempered, high-grade, aerospace aluminum, VALO curing lights may be the most durable curing lights in the world.



Every VALO curing light comes with an exclusive 5-year manufacturer's warranty.

UNMATCHED ACCESSIBILITY

Properly positioning a curing light can be difficult when the restoration is located in the back of the mouth. A patient can only open their mouth so wide, and if you can't get the light over the restoration, you face either having a poor cure or making the patient uncomfortable. Although the lens is larger, the VALO Grand curing light is designed with a low-profile head and elegant, ergonomic, streamlined design to allow for easy direct access to all areas of the patient's mouth.



AWARD-WINNING



6 X WINNER
(2012–2015, 2017, 2019)



10 X WINNER
(2010–2019)

dental
**townie
choice**
awards.2019

6 X WINNER
(2014–2019)



4 X WINNER
(2012, 2015, 2017, 2019)

VALO TECHNICAL INFORMATION

Range of Light Output (nm)	385 nm–515 nm			
Wand	Weight	VALO: 115 g (4.1 oz) VALO Cordless: 190 g (6.7 oz) VALO Cordless without batteries: 150 g 5.3 oz VALO Grand: 190 g (6.7 oz) VALO Grand without batteries: 150 g (5.3 oz)		
	Dimensions	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 and VALO Grand 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			
VALO Standard Power VALO High Power VALO Xtra Power VALO Grand Standard VALO Grand High Power Plus VALO Grand Xtra Power	Total Power (mW)	IRRADIANCE (mW/cm ²)		
		Demetron LED Radiometer	MARC Spectrum Analyzer	Gigahertz Spectrum Analyzer
	655	1000	1200	900
	960	1400	1600	1300
	1550	N/A	3200	2100
	970	1000	1200	900
	1615	1600	1800	1500
2260	N/A	3200	2100	
Lens Diameter	9.6 mm VALO and VALO Cordless 11.7 mm VALO Grand			
Light Timing Programs	Adjustable time options			

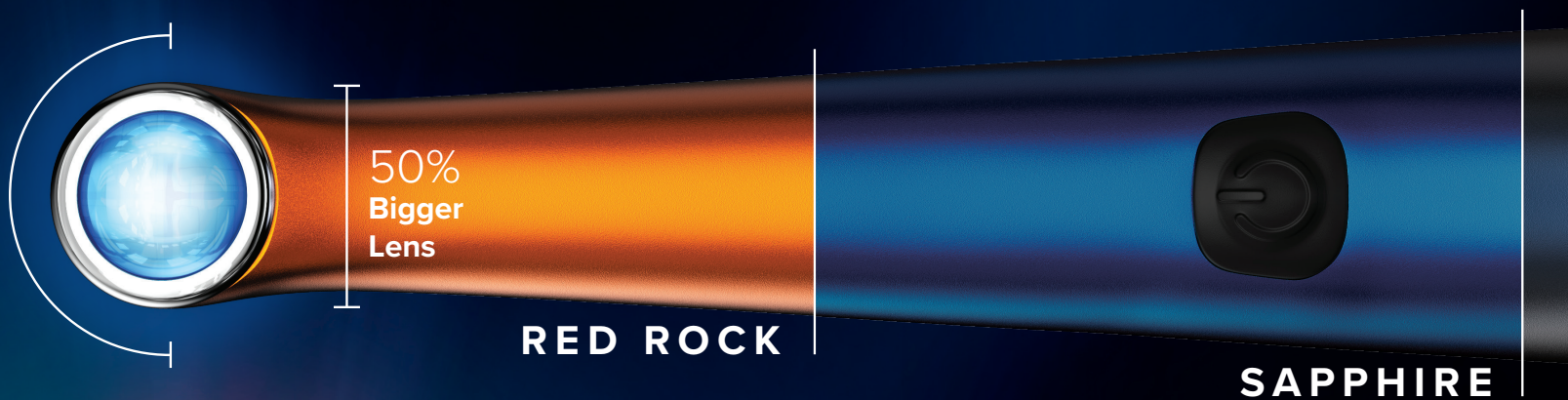
"The industry focus on more efficient practice management has increased the demand among dentists for a curing light that provides greater energy output with shorter cure times. The VALO curing light does just that."



Dr. Dan Fischer

"The award-winning line of VALO curing lights now includes the original VALO, VALO Ortho, and now, the VALO Grand curing lights. Each one offers a unique combination of features that allows dental professionals to consistently deliver the right, unprecedented power to the right place, with accessibility and durability to boot."

WITH A 50% BIGGER LENS, YOU WON'T



Energy-efficient hardened glass lens that resists scratching



Larger head size



Highly efficient broadband LED

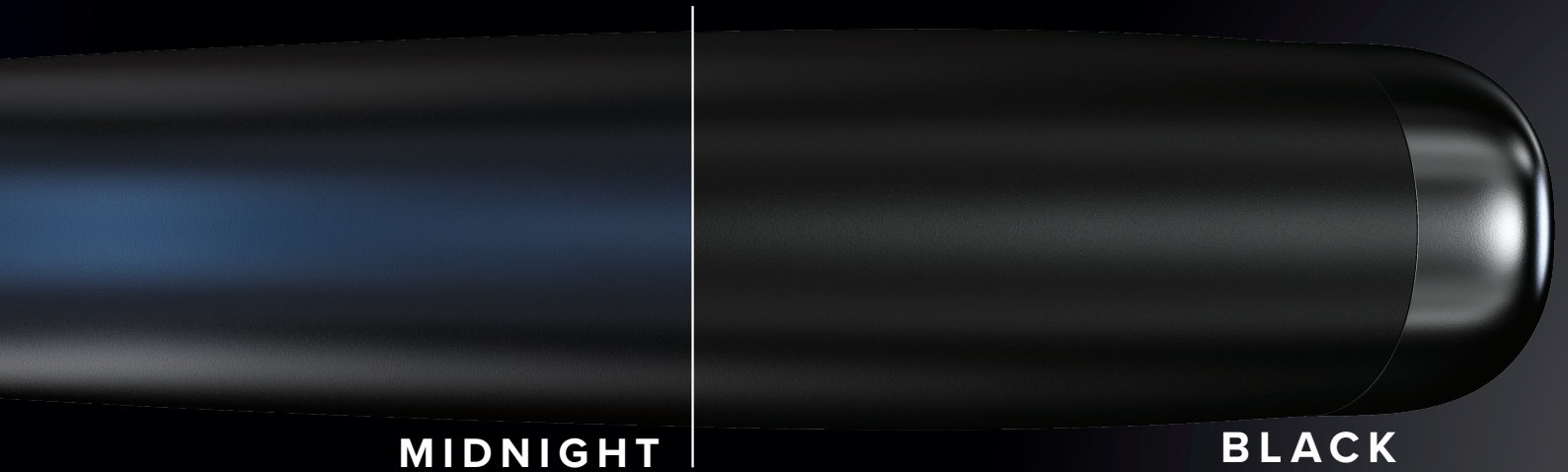


Low access height



Front and back activation button

MISS A THING



Lightweight design
(6 oz with batteries)



Teflon[®] seal for
easy cleaning



Durable unibody
construction



Scratch-resistant
coating



Two CR123A
rechargeable batteries

WELCOME THE NEWEST MEMBERS

VALOTM GRAND

VALO Grand Kit

- 1 x VALO Grand LED curing light
- 4 x Batteries (rechargeable)
- 1 x Battery charger
- 1 x Power supply with universal plugs for battery charger
- 1 x VALO Grand light shield
- 1 x Handpiece bracket holder
- 50 x Barrier sleeves

- 5972 Black ● 4864 Sapphire
- 4866 Midnight ● 4865 Red Rock

VALO Grand Corded Kit

- 1 x VALO Grand LED curing light - 7' cord
- 1 x Power supply with universal plugs - 6' cord
- 1 x VALO light shield
- 1 x Handpiece bracket holder
- 50 x Barrier sleeves

- 5971 Black



OF THE VALO FAMILY

VALO™

VALO Cordless Kit

- 1 x VALO Cordless LED curing light
- 4 x Batteries (rechargeable)
- 1 x Battery charger
- 1 x Power supply with universal plugs for battery charger
- 1 x VALO Cordless light shield
- 1 x Handpiece bracket holder
- 50 x Barrier sleeves

- 5941 Black ● 5946 Teal
- 5945 Fuchsia

VALO Coded Kit

- 1 x VALO LED curing light - 7' cord
- 1 x Power supply with universal plugs - 6' cord
- 1 x VALO light shield
- 1 x Handpiece bracket holder
- 50 x Barrier sleeves

- 5919 Black



VALO™ GRAND

BROADBAND LED
CURING LIGHT

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Combine these Ultradent products with the VALO Grand curing light to provide quick, beautiful, and minimally invasive esthetic options to your patients.



Sectional Matrices

Etch & Bond

Composite

Cementation

Curing

Finishing



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