



NEW FINISHES

SAME IMPRESSIVE POWER

FIND YOUR
PERFECT VALO LIGHT

VALO[™]X



VALO[™]
GRAND



VALO[™]X

COMPLETELY REDESIGNED

THE VALO CURING LIGHT STORY

When the original VALO curing light was launched in 2009, it changed the way people thought of a curing light. As we have continued to add to the VALO curing light family, we have worked tirelessly to ensure that every light has improved upon the past while retaining the durability, accessibility, and power that set the original VALO light apart from the rest.

Today, we wanted to ensure the VALO X light was the most innovative curing light we've created. We redesigned the VALO curing light from the bottom up to ensure that the VALO X light has the most cutting-edge components and state-of-the-art features.

“Everything that VALO was, VALO X is just a better version. I’m really proud of that.”

Neil Jessop, Senior Vice President of R&D



2009

The VALO™ Broadband LED
Curing Light Launched

2011

VALO™ Cordless and
VALO™ Ortho Curing
Light Launched

2016

VALO™ Grand Curing Light
Launched

2022

VALO™ X Curing Light
Launched

2025

VALO™ X Curing
Light Colors
Launched



ACCELEROMETER FUNCTION

- Allows you to quickly and easily move through curing and diagnostic aid modes

5-YEAR WARRANTY



- Includes a 5-Year Manufacturer Warranty



INCREASED LENS SIZE

- 12.5 mm lens covers any tooth while maintaining accessibility and patient comfort



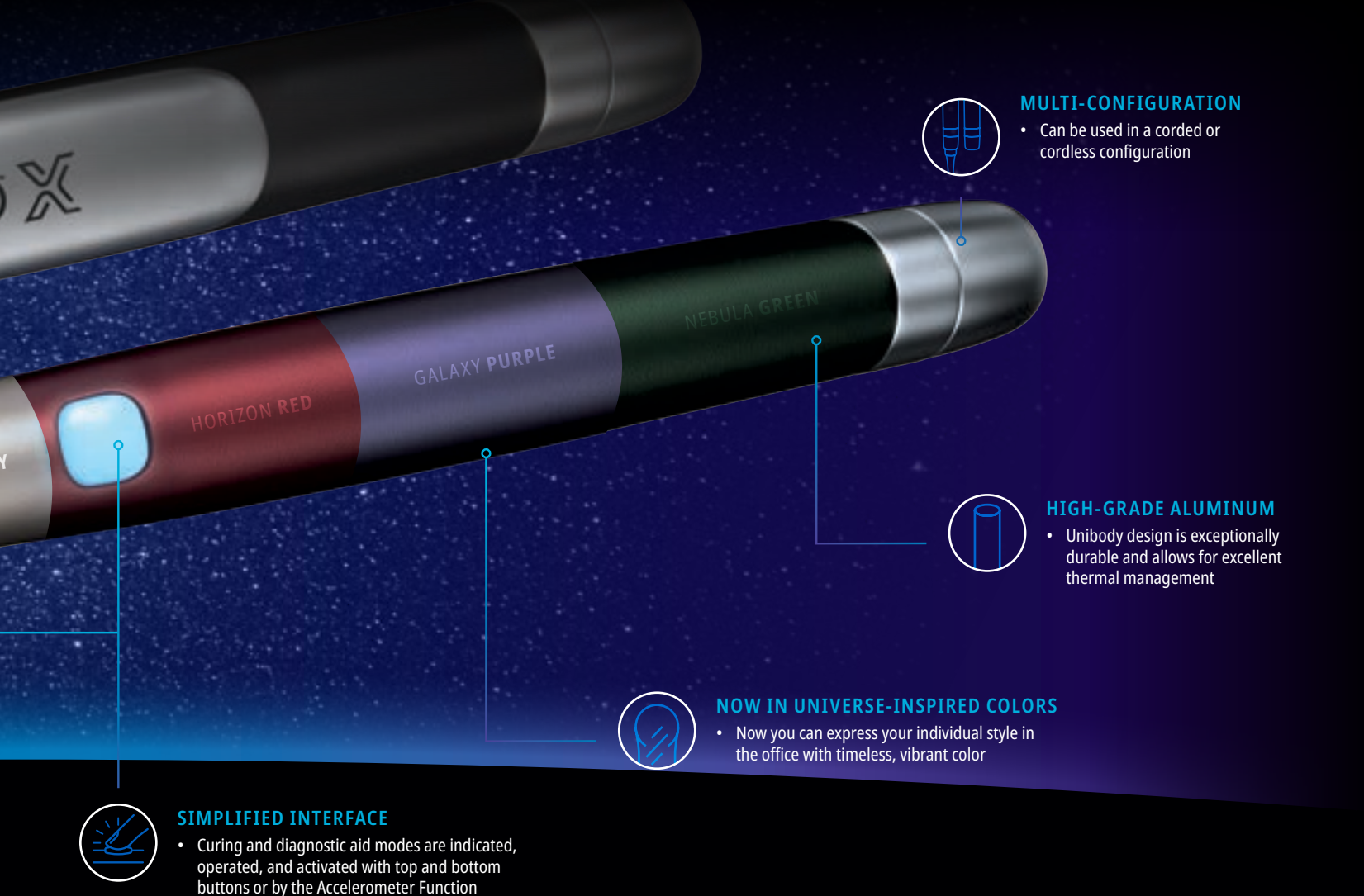
12 LED CHIPSET *(8 curing and 4 white)*

- Provides high-intensity, broadband light for excellent beam uniformity, curing depth, and beam collimation

SIMPLIFIED INTERFACE

You don't have to fumble with your curing light to get to the mode you need. The VALO X light has a simplified way to move through different modes. Cycle through curing modes with the activation button on the top of the VALO X light and press the bottom button to cycle

through the diagnostic aid modes. You can also access both the curing modes and diagnostic aid modes with the Accelerometer Function. Just tap the VALO X light forward or to the side.



MULTI-CONFIGURATION

- Can be used in a corded or cordless configuration

HIGH-GRADE ALUMINUM

- Unibody design is exceptionally durable and allows for excellent thermal management

NOW IN UNIVERSE-INSPIRED COLORS

- Now you can express your individual style in the office with timeless, vibrant color

SIMPLIFIED INTERFACE

- Curing and diagnostic aid modes are indicated, operated, and activated with top and bottom buttons or by the Accelerometer Function

DIAGNOSTIC AID MODES

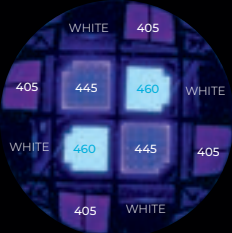
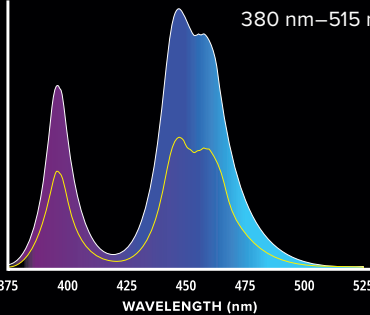
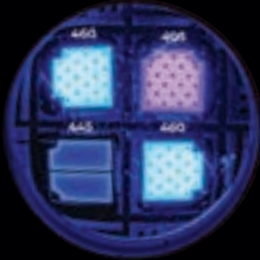
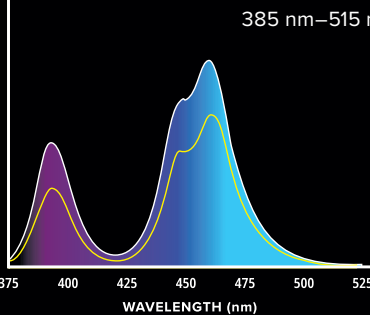
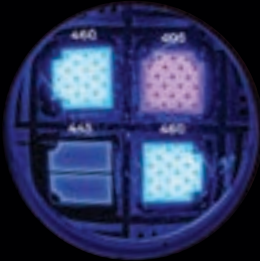
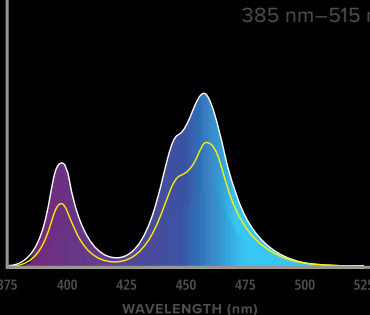
The VALO X light has two light modes: white light diagnostic aid mode and black light diagnostic aid mode. The light modes are built into the VALO X light, so no additional lenses are needed to access the white or black light, just a flick of your wrist.

FIVE ACCESSORY LENSES

Attaching the lenses to the VALO X light is easy: just position the accessory lens near the VALO X curing light lens and allow the magnet to snap the accessory lens into place over the barrier sleeve.

IMPROVEMENT WHERE IT MATTERS

Squirming patients, sectional bands blocking the light from getting to the entire restoration, or even a simple hand movement can prevent a complete cure. With the VALO X light, you don't have to continually cure the same area over and over to ensure a fully cured restoration. The VALO X light has a 12.5 mm lens that can easily cover an entire molar, so you can cure a bigger area at once. In addition, the optimally collimated beam provides consistent, evenly distributed power, so even the perimeter of the restoration is covered.

	ACTUAL LENS SIZE	LED CHIPS	WAVELENGTH
	 12.5 mm (123 mm ²)	 12 LEDs	 380 nm–515 nm
	 11.7 mm (108 mm ²)	 4 LEDs	 385 nm–515 nm
 (Retired)	 9.8 mm (74 mm ²)	 4 LEDs	 385 nm–515 nm

BROAD-SPECTRUM CURING

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 powerful LEDs that deliver light over a broad spectrum, you know that you are getting a powerful, uniform cure that will last.



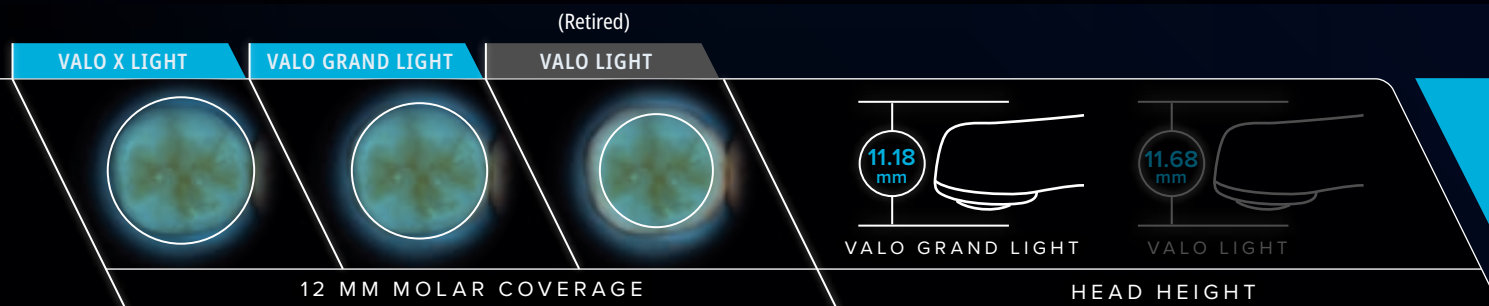
PUT YOUR CURING TO THE TEST

Want to see the actual clinical proof of polymerization? Contact your Ultradent Sales Representative to see an MOD mold.

POWER (MW)	IRRADIANCE (MW/CM²)	JOULES (J)	BEAM PROFILE	TOP DOWN
1350 STANDARD 2700 XTRA POWER	1100 STANDARD 2200 XTRA POWER	13.5 STANDARD 13.5 XTRA POWER		
970 STANDARD 2260 XTRA POWER	900 STANDARD 2100 XTRA POWER	9.7 STANDARD 6.8 XTRA POWER		
670 STANDARD 1570 XTRA POWER	900 STANDARD 2100 XTRA POWER	6.7 STANDARD 4.7 XTRA POWER		

ACCESSIBILITY YOU WANT

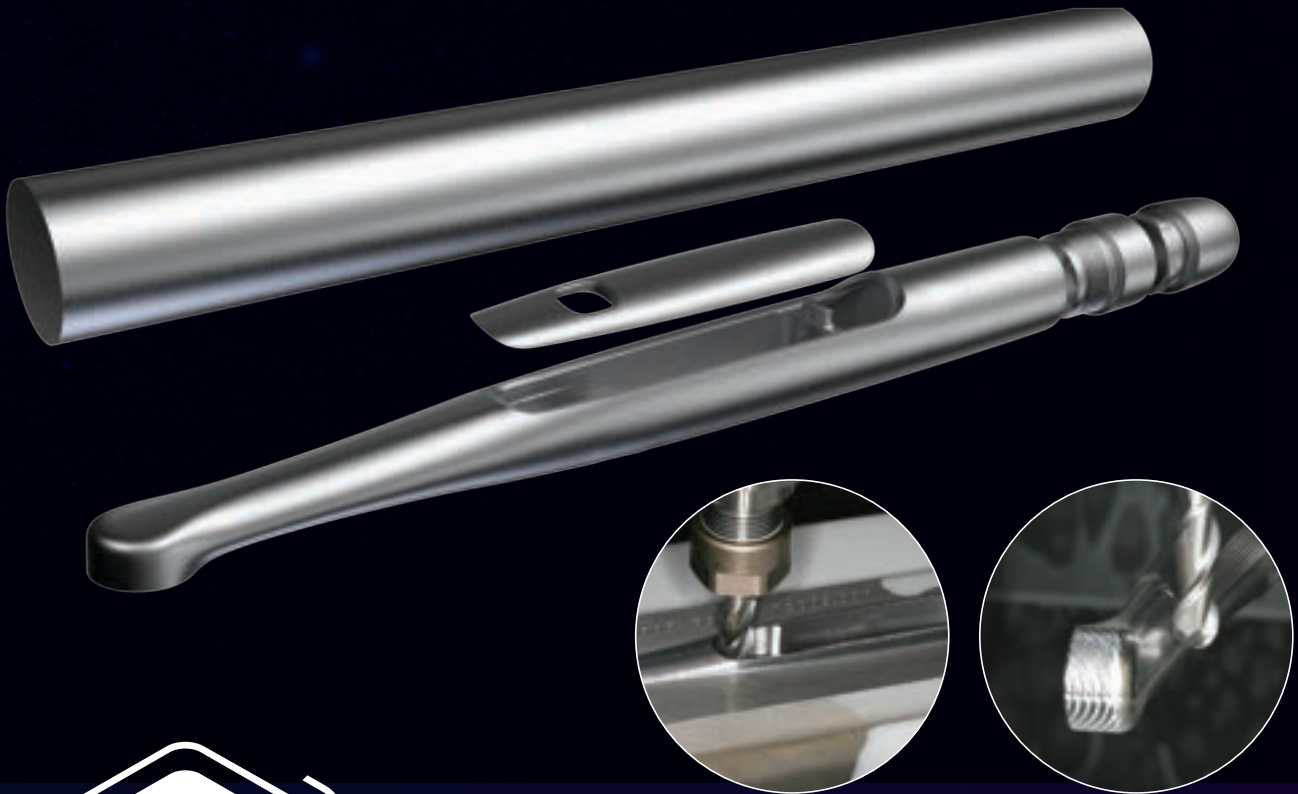
The VALO X light has a low-profile design to allow for easy access to posterior restorations without sacrificing patient comfort. The slim head allows the VALO X light to be placed directly over the curing site, no matter where it is in the mouth, ensuring light can reach all aspects of the preparation. The larger 12.5 mm lens gives a larger curing surface area, so you can get the right amount of light in the right place.



DURABILITY YOU LOVE

A curing light is an essential part of your office. It needs to stand up to day-to-day use. If your curing light is out of commission, it can cost you a lot of time, money, and hassle. With the VALO X curing light you won't have to worry, it can handle it.

All VALO curing lights are created from a solid bar of high-grade aerospace aluminum, making the VALO light exceptionally durable. The unibody construction creates a sealed, strong light that eliminates weak connection points and allows for excellent heat dissipation. In fact, VALO curing lights may be the most durable curing lights in the world.



The VALO curing light family is made to last, and we stand behind it. Don't worry about having to replace your curing light every couple of years; the VALO light comes with a 5-year manufacturer's warranty so you can be confident in the value of your purchase.

			
# OF LEDS	12	4	4
CURING AREA	12.5 mm	11.7 mm	9.75 mm
SURFACE AREA	123 mm ²	108 mm ²	74 mm ²
ACCESSIBILITY/ HEAD HEIGHT	12.19 mm	11.18 mm	11.68 mm
UNIBODY DESIGN	✓	✓	✓
BROADBAND SPECTRUM	✓	✓	✓
ACCELEROMETER FUNCTION	✓		
ACTIVATION	2 buttons for both mode selection and power	1 mode selection button 2 activation buttons	1 mode selection button 1 activation button
DIAGNOSTIC AID LIGHT	2 built-in modes		
ACCESSORY LENSES	VALO X Kit comes with 5 accessory lenses. VALO X Colors Kits come with a Diffuser lens only.	6 separate	5 separate
CORDLESS OPERATION	Included	Separate unit	Separate unit
CORDED OPERATION	Cord adapter included with VALO X Kit. Not included in VALO X Color Kits.	Separate unit	Separate unit
BATTERIES	Single-battery operation 2 batteries included	Double-battery operation 4 batteries included	Double-battery operation 4 batteries included

PRODUCT SPECIFICATIONS

	VALO X	VALO Grand	(Retired) VALO		VALO X	VALO Grand	(Retired) VALO
Range of Light Output (nm)	380 nm–515 nm	385 nm–515 nm	385 nm–515 nm	DIMENSIONS			
Peak Wavelengths (nm)	380–420 nm and 420–515 nm	395–415 nm and 440–480 nm	395–415 nm and 440–480 nm	Cordless	8.9 x 0.83 x 0.83 in. (226 x 21 x 21 mm)	8 x 1.28 x 1.06 in. (203 x 32.5 x 27 mm)	8 x 1.28 x 1.06 in. (203 x 32.5 x 27 mm)
POWER (mW)				Corded	Cord Length: 6 ft. (1.8 m)	9.26 x 0.79 x 0.79 in. (23.5 x 2 x 2 cm) Cord Length: 6 ft. (1.8 m)	9.26 x 0.79 x 0.79 in. (23.5 x 2 x 2 cm) Cord Length: 6 ft. (1.8 m)
Standard	1350 mW	970 mW	670 mW	WAND WEIGHT			
Xtra Power	2700 mW	1615 mW	1570 mW	Cordless	Unit: 3.8 oz. (108 g) With Batteries: 4.8 oz. (136 g)	Cordless Unit: 5.3 oz. (150 g) With Batteries: 6.7 oz. (190 g)	Cordless Unit: 5.3 oz. (150 g) With Batteries: 6.7 oz. (190 g)
IRRADIANCE* (mW/cm²)				Corded	Corded: 5.6 oz. (158 g)	Corded Unit: 8 oz. (226 g)	Corded Unit: 8 oz. (226 g)
Standard	1100 mW/cm²	900 mW/cm²	900 mW/cm²	Power Operation	Cordless/Battery or Corded	Cordless/battery unit Corded Unit	Cordless/battery unit Corded Unit
Xtra Power	2200 mW/cm²	2100 mW/cm²	2100 mW/cm²	Battery	Protected, Rechargeable, Lithium-Ion Battery 11MR14/65 3.7 V, 900 mAH 3.33 WH	Rechargeable, chemistry Lithium Iron Phosphate Battery (LiFePO4) RCR123A, 3.2 V, 400 mAH 1.28 WH	Rechargeable, chemistry Lithium Iron Phosphate Battery (LiFePO4) RCR123A, 3.2 V, 400 mAH 1.28 WH
TOTAL ENERGY PER CYCLE							
Standard	13.5 J (10 seconds)	9.70 J (10 seconds)	6.65 J (10 seconds)				
Xtra Power	13.5 J (5 seconds)	6.30 J (3 seconds)	4.65 J (3 seconds)				
CURING TIME MODES							
Standard	10	20/15/10/5	20/15/10/5				
Xtra Power	5	3	3				

**Irradiance conforms to ISO 10650 when measured with a Gigahertz spectrum analyzer.*

The multiple-award-winning VALO™ curing light family.



6 X WINNER
(2012–2015, 2017, 2018)



12 X WINNER
(2012–2023)



8 X WINNER
(2014–2021)



5 X WINNER
(2012, 2015, 2017, 2019)
VALO GRAND CURING LIGHT (2018)



3 X WINNER
(2020–2021, 2023)



VALO X Colors Kit

- 1 x VALO X Colors LED curing light
- 1 x Diffuser lens
- 2 x Rechargeable batteries
- 1 x Battery charger
- 1 x Blue-light-blocking shield
- 1 x Sample pack of barrier sleeves
- 1 x Power supply (for battery charger or cord adapter*)

- | | |
|--------------|---------------|
| ● 6496 Red | ● 6519 Blue |
| ● 6497 Pink | ● 6538 Purple |
| ● 6498 Gray | ● 6539 Black |
| ● 6499 Green | |

ACCESSORIES

Power

- 4952** - VALO X Power Supply (Universal Plugs) 1pk
- 5189** - VALO X Assembled Cord 1pk
- 5437** - VALO X Batteries 2pk
- 4951** - VALO X Battery Charger 1pk

Barrier Sleeves

- 4665** - VALO X Barrier Sleeves - 100pk
- 5898** - VALO X Barrier Sleeves - 600pk

Safety Eyewear

- 508** - Blue-Light-Blocking Glasses

**Cord adapter not included.*



VALO X Kit

- 1 x VALO X LED curing light
- 5 x Accessory lenses
- 2 x Rechargeable batteries
- 1 x Battery charger
- 1 x Power supply (for battery charger or cord adapter)
- 1 x Cord adapter
- 1 x Handpiece bracket holder
- 1 x Blue-light-blocking shield
- 1 x Sample pack of barrier sleeves

○ 5973 Black

LENS ACCESSORIES

VALO™ lens accessories snap on quickly and easily, adapting your curing light to provide you with additional specialized functions. Each VALO curing light has its own dedicated set of lenses that are compatible to that specific light.

CURING LENSES

DIAGNOSTIC AID LENSES

POINTCURE™ LENS

The PointCure Lens concentrates light into a 2.5 mm aperture. This is ideal for point curing (tacking) veneers and all porcelain crowns.



PROXICURE™ BALL LENS

Supports the matrix and aids in convex proximal contact before and during partial light polymerization.



TRANSLUME™ LENS

Provides longer wavelength light to transilluminate the teeth to aid in visualization of cracks, fractures, defects, etc.



INTERPROXIMAL LENS

Aids in visualization of fractures, cracks, or defects in teeth by illuminating the teeth from the lingual and observing shadows.



DIFFUSER LENS

In black light diagnostic aid mode, the Diffuser Lens gives visual aid of fluorescent particles in various dental resins.

In white light diagnostic aid mode, the Diffuser Lens gives visual aid for whenever the dental professional may need a source of natural light, e.g., determining shade.



VALO X	5890	5889	5891	5893	5892
VALO GRAND	4082	4081	4084	4658	4319 (BLACK) 4628 (WHITE)
VALO	5934	5936	5937	4629	5939 (BLACK) N/A (WHITE)

EXPLORE THE ENTIRE **VALO** FAMILY



VALO Grand Cordless Kit

- 1 x VALO Grand LED curing light
- 4 x Rechargeable batteries
- 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
- 1 x Sample pack of barrier sleeves

- **5972** Black
- **4865** Red Rock
- **4864** Sapphire

VALO Grand Corded Kit

- 1 x VALO Grand LED curing light - 7' cord
- 1 x Power supply with universal plugs - 6' cord
- 1 x Safety glasses
- 1 x Handpiece bracket holder
- 1 x Sample pack of barrier sleeves

- **5971** Black

VALO GRAND AND VALO ACCESSORIES

Cordless Accessories

5963 - Rechargeable Batteries 2pk

5962 - Battery Charging Unit 1pk

5961 - Charging Unit Power Supply 1pk

Corded Accessories

5930 - VALO Power Supply - 6' cord

5933 - VALO Power Supply - 16' cord

1667 - VALO Surface Mounting Bracket 1pk

Barrier Sleeves

4666 - VALO Grand Cordless 100pk

4669 - VALO Grand Corded 100pk

4667 - VALO Cordless 100pk

5897 - VALO Grand Cordless 600pk

5896 - VALO Grand Corded 600pk

Blue-Light-Blocking Curing Light Shields

3604 - VALO Grand Cordless Light Shield 1pk

5929 - VALO Cordless Light Shield 1pk

5935 - VALO Corded Light Shield 1pk

508 - Blue-Light-Blocking Glasses



EASE-IN-SHIELDS™

Protective Loupe Inserts

WORK WITH YOUR LOUPES,
UNINTERRUPTED



Ease-In-Shields Loupe Inserts

5839 - Curing Light Ease-In-Shields Kit

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



Sectional Matrices

Etch & Bond

Composite

Cementation

Curing

Finishing