

# maxill lumax GL

## Broad-Spectrum Guided Light LED Curing Light

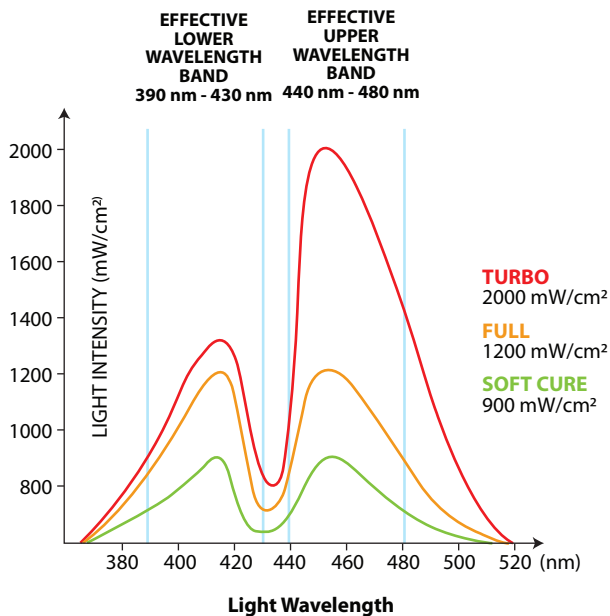
The maxill lumax GL is powerful and efficient with a max light intensity of 2,000 mW/cm<sup>2</sup> at 390-480 nm. With this powerful broad-spectrum light output the lumax GL is capable of curing all common light-cured dental material.

- Seven easy-to-use curing light modes and an automatic compensation circuit for consistent, reliable power.
- Large 11 mm, autoclavable light guide illuminates a larger curing surface helping reduce the need for multiple curing cycles when dealing with larger restorations.
- Light guide and eye shield both rotate 360° to accommodate different techniques and help reach all areas of the mouth.
- The lightweight (204 g), well-balanced design features a fully sealed membrane for easy disinfection.
- Compact charging station with a built-in light intensity meter and charge indicator.

Item 91205

**\$679.99** each

Includes: 1 LED Curing Light, 1 Charging Station, 1 Light Shield & 100 Curing Light Sleeves



SPECIFICATIONS		
F.O. LIGHT GUIDE	11 mm (dia.)	
LIGHT WAVELENGTH	390-430 nm    440-480 nm	
APPLICATION	Ortho / General	
MODE	TACK	2,000 mW/cm <sup>2</sup> for 1 second ± 10%
	TURBO	2,000 mW/cm <sup>2</sup> for 4 seconds ± 10%
	3' + 3'	2,000 mW/cm <sup>2</sup> for 3 + 3 seconds ± 10% (with 1 second blink in between)
	6' + 6'	1,500 mW/cm <sup>2</sup> for 6 + 6 seconds ± 10% (with 1 second blink in between)
	FULL	1,200 mW/cm <sup>2</sup> for 5, 10, 15, 20 seconds ± 10%
	RAMP	First five seconds from 0-1,200 mW/cm <sup>2</sup> ± 10%, next 5, 10, 15, 20 seconds 1,200 mW/cm <sup>2</sup> ± 10%
	SOFT CURE	First five seconds from 0-900 mW/cm <sup>2</sup> ± 10%, next 5, 10, 15, 20, 25 seconds 900 mW/cm <sup>2</sup> ± 10%

## Broad-Spectrum Guided Light LED Curing Light

### CURING LIGHT MODE APPLICATIONS

<b>TACK</b>	Tack cure, a very short initial curing for temporary processing before final cure. E.g. veneer bonding or temporary cement for in-position and easy removal of excess material.
<b>TURBO</b>	Super fast curing for resin and composite under 2 mm thickness. Also recommended for ceramic brackets, veneers bonding etc.
<b>3' + 3'</b>	3 Seconds Mesial + 3 Seconds Distal for metal brackets resin bonding (with a 1 second blink in between)
<b>6' + 6'</b>	6 Seconds Mesial + 6 Seconds Distal for metal brackets with bonding resin requiring more curing time, and buccal tubes bonding (with a 1 second blink in between)
<b>FULL</b>	For general applications
<b>RAMP</b>	With first 0-5 seconds ramped for general application
<b>SOFT CURE</b>	With first 0-5 seconds ramped for more gentle processing, designed for patients sensitive to heat

### DEPTH OF CURE - lumax GL

MODE	Intensity mW/cm <sup>2</sup>	Time	Depth Measurements	ISO 4049 Depth Measurements (-50%)
TURBO	2,000 ± 10%	4 seconds	4.3 mm	2.15 mm
FULL	1,200 ± 10%	10 seconds	4.4 mm	2.20 mm
RAMP	1,200 ± 10%	10 seconds	4.2 mm	2.10 mm
SOFT CURE	900 ± 10%	15 seconds	4.6 mm	2.30 mm

Above data is based on test results using an A2 shade composite. The light tip was placed above and pointed perpendicular to the composite. Tests were done as per ISO 4049 Standard. The samples were measured and the data was divided by two (50% of the total composite depth cured). ISO 4049 Standard requires that the results for class II restorative materials should be at least 1.5 mm for non-opaque shades and 1.0 mm for opaque shades. All resins and composites have different curing times. It is recommended that you should test your resins and composites performance to determine curing times required.

#### Curing Light Meter

Item 91210

- LED & Halogen Curing Light Meter
- Simple, compact design for easy use
- Measures intensity up to 2500 mW/cm<sup>2</sup>



**\$68.49** each

#### Acrylic Protective Light Shield

Item 91211

- Hand-held protection for dentists and assistants
- Cold disinfection only



**\$22.49** each

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