maxill

lumax

POWERFUL, BROAD-SPECTRUM LED CURING LIGHTS



1-800-268-8633 www.maxill.com

lumaX GLII

Broad-Spectrum Guided Light LED Curing Light

The maxill lumax GLII is powerful and efficient with a max light intensity of 2,000 mW/cm² at 390-480 nm. With this powerful broad-spectrum light output the lumax GLII is capable of curing all common light-cured dental material.

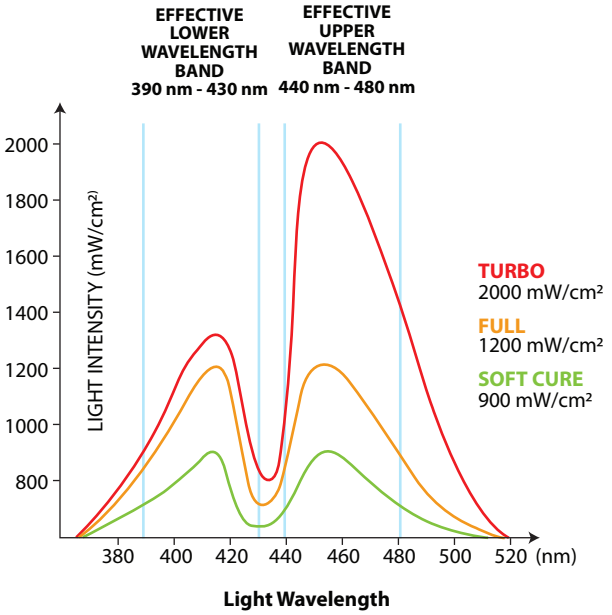
- Four easy-to-use curing light modes and an automatic compensation circuit for consistent, reliable power.
- Large 11 mm, autoclavable light guide illuminates a larger curing surface helping reduce the need for multiple curing cycles when dealing with larger restorations.
- Light guide and eye shield both rotate 360° to accommodate different techniques and help reach all areas of the mouth.
- The lightweight (175 g), well-balanced design is easy to clean and disinfect
- Compact charging station with a built-in light intensity meter and charge indicator.

Item 91206

$879.99 each

Includes: 1 LED Curing Light, 1 Charging Station with USB Charging Cable and Power Block, 1 Light Shield, 100 Curing Light Sleeves, and 6 Tack Rings





SPECIFICATIONS		
F.O. LIGHT GUIDE		11 mm (dia.)
LIGHT WAVELENGTH		390-430 nm 440-480 nm
APPLICATION		Ortho / General
MODE	TURBO	2,000 mW/cm² for 4 seconds ± 10%
	FULL	1,200 mW/cm² for 10 seconds ± 10%
	RAMP	First five seconds from 0-1,200 mW/cm² ± 10%, next 5, 10, 15, 20 seconds 1,200 mW/m² ± 10%
	SOFT CURE	First five seconds from 0-900 mW/cm² ± 10%, next 5, 10, 15, 20, 25 seconds 900 mW/cm² ± 10%

lumax DL

Broad-Spectrum Direct Light LED Curing Light

The maxill lumax DL delivers a powerful, consistent, collimated light beam with a max light intensity of 2,500 mW/cm². The broad-spectrum light output at 390-480 nm 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.
- Low-profile, hardened glass lens to access hard-to-reach areas of the mouth perpendicular to the surface of the preparation.
- Light head and eye shield both rotate 360° to accommodate different techniques and help reach all areas of the mouth.
- The lightweight (181 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.

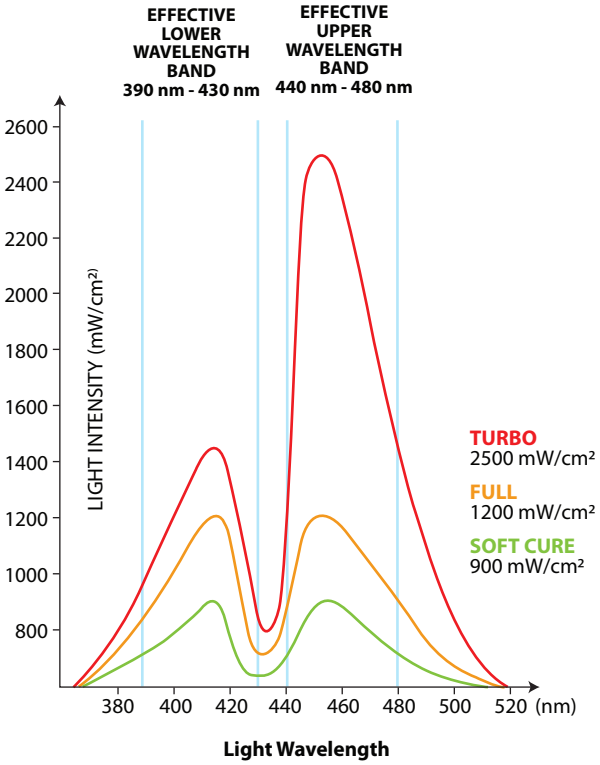


Item 91200

$879.99 each

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

WARRANTY 2 YEAR* WARRANTY



SPECIFICATIONS		
DIRECT LIGHT SOURCE HEAD		10 mm (dia.)
LIGHT WAVELENGTH		390-430 nm 440-480 nm
APPLICATION		General / Ortho
MODE	TACK	2,000 mW/cm² for 1 second ± 10%
	TURBO	2,500 mW/cm² for 3 seconds ± 10%
	3' + 3'	2,000 mW/cm² for 3 + 3 seconds ± 10% (with 1 second blink in between)
	6' + 6'	1,500 mW/cm² for 6 + 6 seconds ± 10% (with 1 second blink in between)
	FULL	1,200 mW/cm² for 5, 10, 15, 20 seconds ± 10%
	RAMP	First five seconds from 0-1,200 mW/cm² ± 10%, next 5, 10, 15, 20 seconds 1,200 mW/m² ± 10%
	SOFT CURE	First five seconds from 0-900 mW/cm² ± 10%, next 5, 10, 15, 20, 25 seconds 900 mW/cm² ± 10%

CURING LIGHT MODE APPLICATIONS

TACK*	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. ***For lumax GLII*** - Use TURBO mode with tack rings.
TURBO	Super fast curing for resin and composite under 2 mm thickness. Also recommended for ceramic brackets, veneers bonding etc.
3' + 3'*	3 Seconds Mesial + 3 Seconds Distal for metal brackets resin bonding (with a 1 second blink in between)
6' + 6'*	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)
FULL	For general applications
RAMP	With first 0-5 seconds ramped for general application
SOFT CURE	With first 0-5 seconds ramped for more gentle processing, designed for patients sensitive to heat

*Modes available on lumax DL only.

DEPTH OF CURE - lumax GLII

Mode	TURBO	FULL	RAMP	SOFT CURE
Intensity mW/cm²	2,000 ± 10%	1,200 ± 10%	1,200 ± 10%	900 ± 10%
Time	4 seconds	10 seconds	10 seconds	15 seconds
Depth Measurements	4.3 mm	4.4 mm	4.2 mm	4.6 mm
ISO 4049 Depth Measurements (-50%)	2.15 mm	2.20 mm	2.10 mm	2.30 mm

DEPTH OF CURE - lumax DL

Mode	TURBO	FULL	RAMP	SOFT CURE
Intensity mW/cm²	2,500 ± 10%	1,200 ± 10%	1,200 ± 10%	900 ± 10%
Time	3 seconds	10 seconds	10 seconds	15 seconds
Depth Measurements	4.5 mm	5.2 mm	4.9 mm	5.1 mm
ISO 4049 Depth Measurements (-50%)	2.25 mm	2.60 mm	2.45 mm	2.55 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.

ACCESSORIES



PolyAll

Curing Light Sleeve Universal Pen Type

Item 53332

· 12.5" x 1.875" - Use with lumax GLII

AS LOW AS **$27.89** per box



PolyAll

Curing Light Sleeve Direct Light Pen Type

Item 53318

· 12.375" x 1.875" - Use with lumax DL

AS LOW AS **$27.89** per box



maxill lumax

Curing Light Meter

Item 91210

· LED & Halogen Curing Light Meter
· Simple, compact design for easy use
· Measures intensity up to 2500 mW/cm2

$89.99 each



maxill lumax

Acrylic Protective Light Shield

Item 91211

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

$29.99 each