



D.LUX+

CORDLESS DUAL WAVELENGTH LED CURING LIGHT



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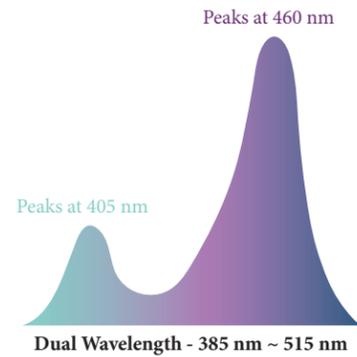
Dia Dent®

DiaDent Group International
www.diadent.com

+ OVERVIEW

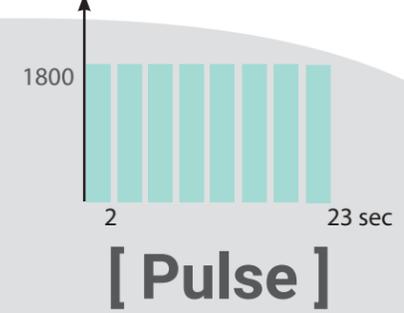
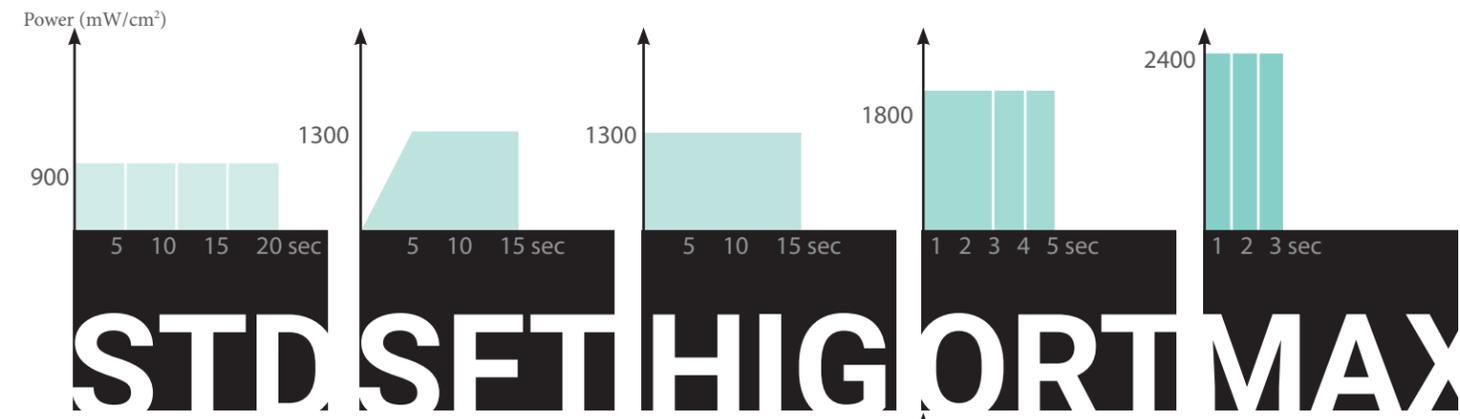
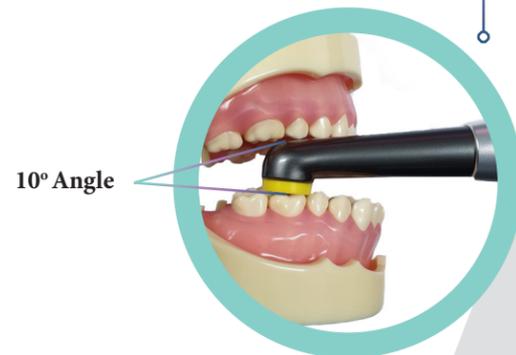


D-LUX+ is a high performance **dual-wavelength** cordless LED curing light. Built and designed with the highest quality and durability, its dual-wavelength can effectively, and uniformly polymerize all light-cured dental materials. At its maximum light intensity output of 2,400mW/cm², it can complete all restorations safely, efficiently, and reliably.



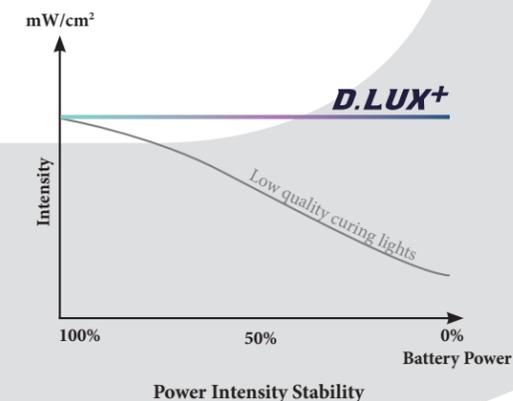
+ FEATURES & BENEFITS

- + A high intensity output of **2,400 mW/cm²** and 10W LED offers short curing time and efficient polymerization.
- + **360° swivel** light probe and silicone ring tip ensure patient comfort.
- + Broadband spectrum of **385nm~515nm**.
- + **Dual-wavelength** with **4 LED lamps** can efficiently polymerize all dental materials.
- + **5 versatile curing modes** allow flexible curing time and power intensity including 1-second curing and Orthodontic curing mode.
- + **Wireless inductive charging system** eliminates any potential charging contact problems.
- + High capacity **2,600 mAh** Li-ion battery offers longer battery life and power intensity stability.
- + Designed **ergonomically**, the handpiece is light and elegant so it can easily reach all curing sites offering maximum comfort for both patient and clinician.
- + Designed for comfort, the light probe has an optimal **10° angle** to reach all tooth surface even posterior area.
- + Built-in **Light Intensity Measurement Sensor** provides peace of mind so clinicians can always verify if the intensity is within normal range.



+ FIVE CURING MODES

- 1+** **STD (Standard):** 900 mW/cm² (±10%) light intensity for 5, 10, 15, or 20 seconds
- 2+** **SFT (Soft start):** Light intensity gradually increases to 1,300 mW/cm² (±10%) for 10 or 15 seconds
- 3+** **HIG (High Power):** 1,300 mW/cm² (±10%) light intensity for 5, 10, or 15 seconds
- 4+** **ORT (Orthodontic):** 1,800 mW/cm² (±10%) light intensity for 3, 4, 5 seconds or P [pulse]
* **ORT P (Pulse) mode:** light turns on for 2 seconds and then off for 1 second eight times
- 5+** **MAX (Max Power):** 2,400 mW/cm² (±10%) light intensity for 1, 2, or 3 seconds



+ ORDER INFORMATION

- ITEM #4008-1001 Regular Kit**
- o D-Lux+ Handpiece & Charger
 - o Light Probe
 - o Light Protector
 - o Disposable Sheaths (200/Box)
 - o Power Supply (Adapter), Power Cord

Accessories

- ITEM #4008-1110 Handpiece
- ITEM #4008-1120 Charger
- ITEM #4008-1130 Light Probe
- ITEM #4008-1140 Battery Pack
- ITEM #4008-1150 Light Protector
- ITEM #4008-1160 Power Supply (Adapter)
- ITEM #4008-1161 Power Cord
- ITEM #4008-1170 Disposable Sheaths (200/Box)



+ SYSTEM SPECIFICATIONS

	Handpiece	Light Probe	Charger
Size (L x W x H)	201 x 33 x 44 mm	77 x 15 x 15 mm	124 x 100 x 72 mm
Weight	119 g	17 g	215 g
Dual Wavelength	385 nm - 515 nm		
Light Intensity	Max. 2,400 mW/cm ²		
Charging Time	8 hours		
Operation Time	Max. 3 sec x 700 times		
Li-ion Battery	2600 mAh / Rechargeable		
Operation Conditions	10 - 40°C		
Warranty	2 years (handpiece & charger)		

DiaDent Network

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