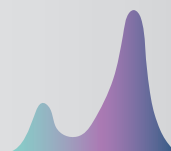




# ***D.LUX+***

**CORDLESS DUAL WAVELENGTH LED CURING LIGHT**



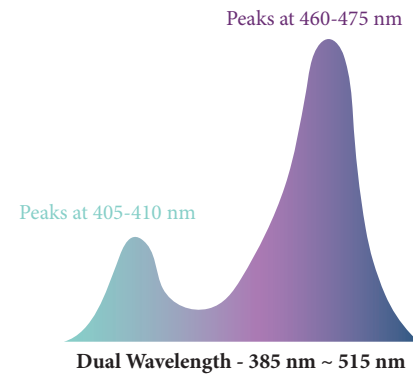
**Dia Dent**®

DiaDent Group International  
[www.diadent.co.kr](http://www.diadent.co.kr)

## + OVERVIEW

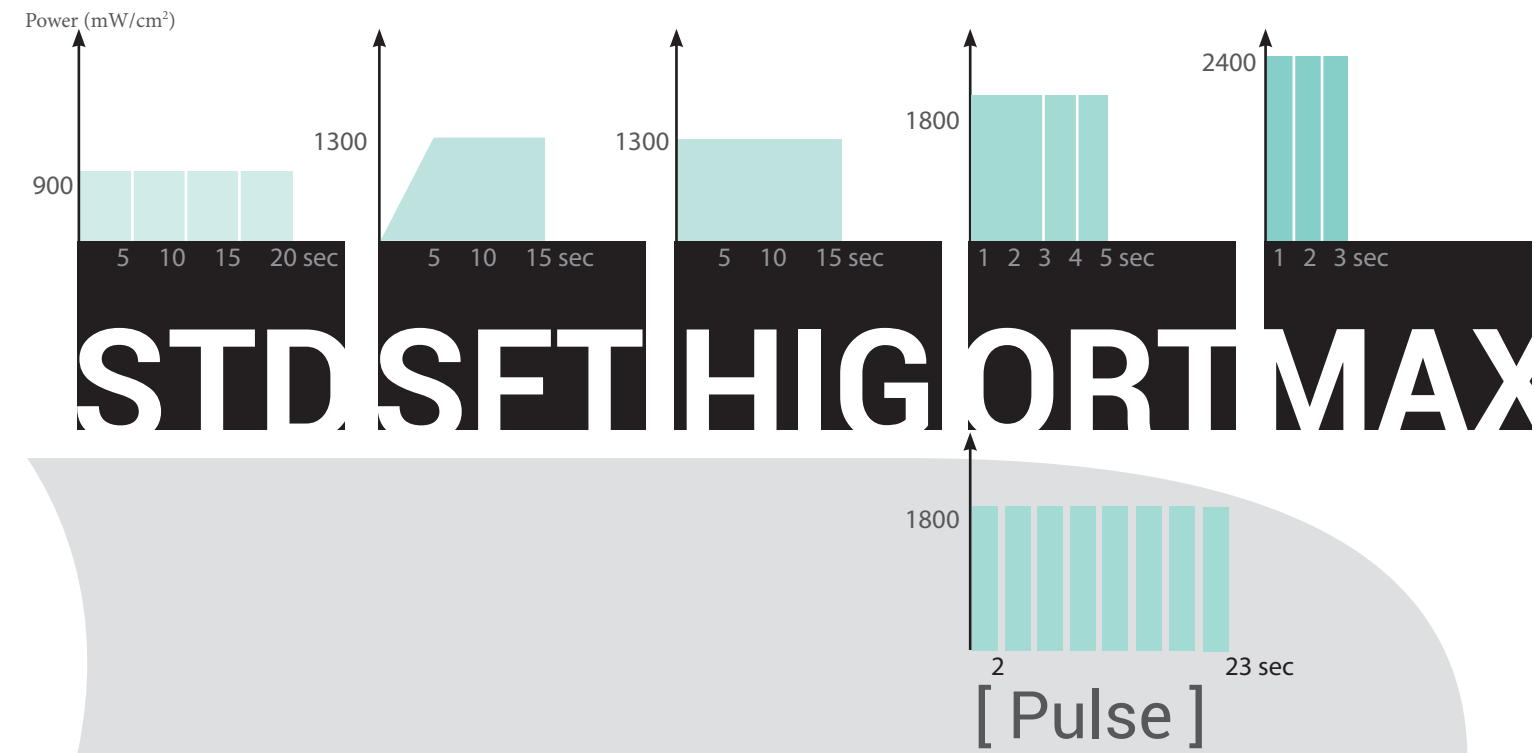
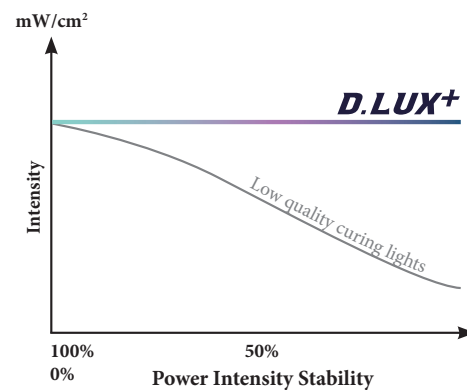


**D-LUX+** is a high performance **dual-wavelength** cordless LED curing light. Built and designed with the highest quality and durability, its dual-wavelength can effectively, and uniformly polymerize all light-cured dental materials. At its maximum light intensity output of 2,400mW/cm<sup>2</sup>,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



## + FEATURES & BENEFITS

- + A high intensity output of **2,400mW/cm<sup>2</sup>** and 10W LED offers short curing time and efficient polymerization
- + **360° swivel** light probe and silicone ring tip ensure patient comfort
- + **Dual-wavelength** with **4 LED lamps** can efficiently polymerize all dental materials
- + Broadband spectrum of **385nm~515nm**
- + **5 versatile curing modes** allow flexible curing time and power intensity including 1-second curing and Orthodontic curing mode
- + **Wireless** battery 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
- + Built-in **Light Intensity Measurement Unit/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/cm<sup>2</sup> (±10%) light intensity for 5, 10, 15, or 20 seconds
- 2+ SFT (Soft start):** Light intensity gradually increases to 1,300 mW/cm<sup>2</sup> (±10%) for 10 or 15 seconds
- 3+ HIG (High Power):** 1,300 mW/cm<sup>2</sup> (±10%) light intensity for 5, 10, or 15 seconds
- 4+ ORT (Orthodontic):** 1,800 mW/cm<sup>2</sup> (±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/cm<sup>2</sup> (±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 ea/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 ea/Box)

## + SYSTEM SPECIFICATIONS

	Hand-piece	Light Probe	Charger
<b>Size (L x W x H)</b>	201 x 33 x 44 mm	77 x 15 x 15 mm	124 x 100 x 72 mm
<b>Weight</b>	119 g	17 g	215 g
<b>Dual Wavelength</b>	385 nm - 515 nm		
<b>Light Intensity</b>	Max. 2,400 mW/cm <sup>2</sup>		
<b>Charging Time</b>	8 hours		
<b>Operation Time</b>	Max. 3 sec x 700 times		
<b>Li-ion Battery</b>	2600 mAh/Rechargeable		
<b>Operation Conditions</b>	10 - 40°C		
<b>Warranty</b>	1 year		

## DiaDent Network

### DiaDent Group International (Korea & International )

626, Yeonje-ri, Gangoe-myeon, Cheongwon-gun, Chungcheong buk-do, Korea, 363-951

Tel: 82-43-266-2315 Fax: 82-43-262-8658

E-mail: diadent@diadent.co.kr

### DiaDent Group International Inc. (Canada & USA )

11-3871 North Fraser Way, Burnaby BC, Canada V5J 5G6

Tel: 1-604-451-8851 Fax: 1-604-451-8865

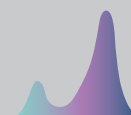
E-mail: diadent@diadent.com

### DiaDent Europe B.V (Europe)

Antennestraat 70, 1322 AS Almere, The Netherlands

Tel: 31-36-549-8607 Fax: 31-36-536-7317

E-mail: diadent@diadenturope.com



**DiaDent**<sup>®</sup>

www.diadent.co.kr

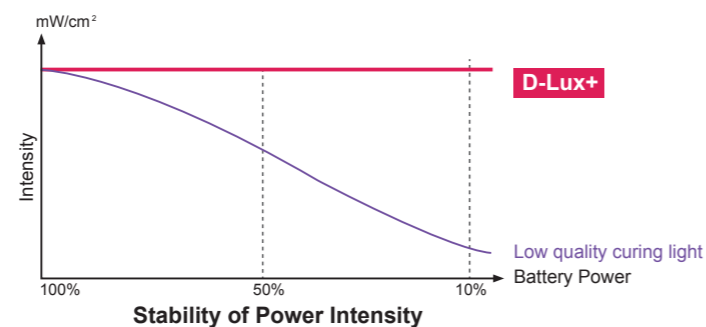
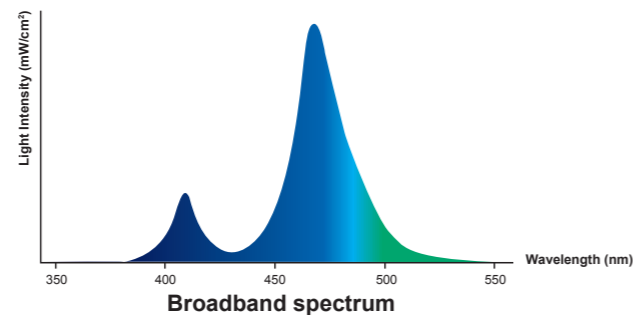
**D-LUX+** CORDLESS LED CURING LIGHT NEW

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 efficiently, effectively, and uniformly polymerize all light-cured dental materials. At its maximum light intensity output of 2,400mW/cm<sup>2</sup>, it can complete all restorations safely and efficiently.

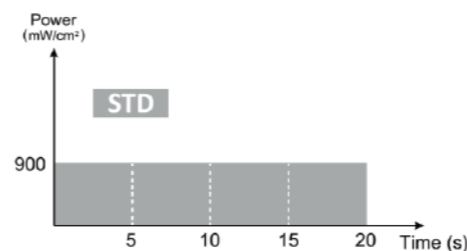


**Features**

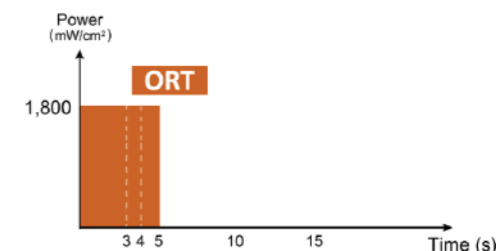
- A high intensity output of **2,400mW/cm<sup>2</sup>** and 10W LED offers short curing time and efficient polymerization
- 360° swivel light probe and silicone ring tip ensure patient comfort
- **Dual-wavelength** with 4 LED lamps can efficiently polymerize all dental materials
- Broadband spectrum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



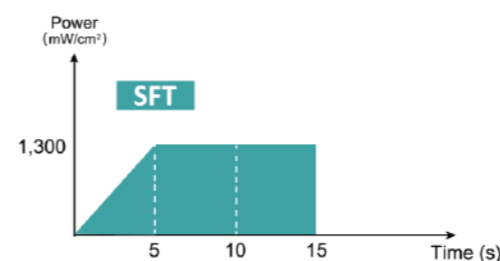
**5 Curing Modes**



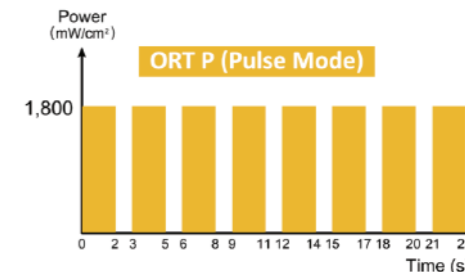
**STD (Standard):**  
900mW/cm<sup>2</sup>(±10%) light intensity for 5, 10, 15, or 20 seconds



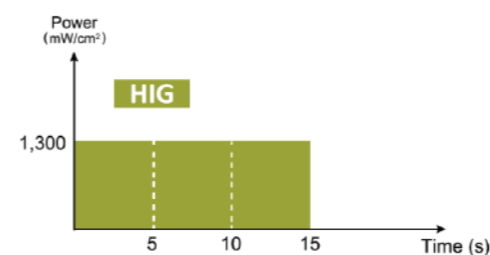
**ORT (Orthodontic):**  
1,800mW/cm<sup>2</sup>(±10%) light intensity for 3, 4, 5 seconds or P (pulse)



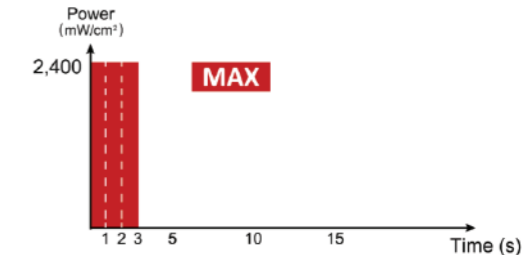
**SFT (Soft start):**  
Light intensity gradually increases to 1,300mW/cm<sup>2</sup>(±10%) for 10 or 15 seconds



**ORT P (Orthodontic Pulse Mode):**  
1,800 mW/cm<sup>2</sup> (±10%) of light turns on for 2 seconds and then off for 1 second eight times



**HIG (High Power):**  
1,300mW/cm<sup>2</sup>(±10%) light intensity for 5, 10, or 15 seconds



**MAX (Max Power):**  
2,400mW/cm<sup>2</sup>(±10%) light intensity for 1, 2, or 3 seconds

**Product Features**

**Wireless battery charging system**

**Dual-wavelength with 4 LED lamps, Broadband Spectrum of 385nm~515nm**

**Built-in light intensity sensor**

**Package**

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

**Accessories**

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