

bre.Lux PowerUnit 2



Unleash the power of light

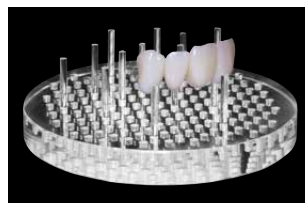
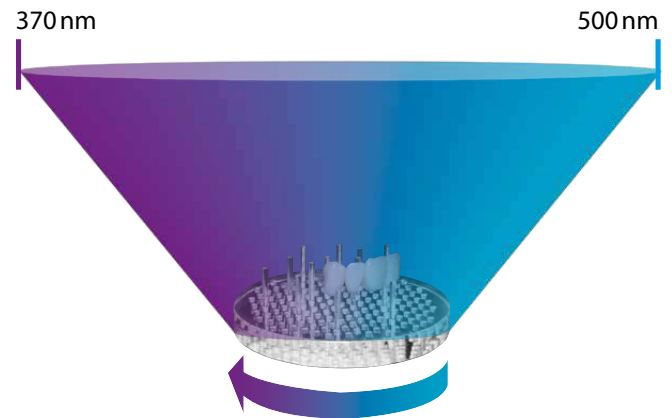
bredent

The reference for LED light-curing devices

FULL RANGE - using the benefits of the entire relevant spectrum of light

Experience a new level of reliability and speed when polymerizing your objects. The innovative and new LED technology of bre.Lux 2 covers the entire relevant spectrum of light below 400 nm and hence enables a new quality of polymerization. It offers the user more consistent and faster curing since different wavelengths can reach different depths. Increase your reliability and reduce your polymerization times.

370 – 500 nm



Rotary plate and Light-Tray - additional components to ensure complete polymerization

Convenient, activatable, removable - this rotary plate guarantees that the object is evenly illuminated by the 72 LED lights from all sides.

As a transparent tray, the Light-Tray transports light to areas that are otherwise inaccessible. Expose the objects to pure light!

45° – 55° C

Up to 65°C for individually adjustable programs

Outstanding power - carefully used

72 LED lamps will give you unsurpassed and highly efficient luminous power to prevent shrinkage in a clever way. Moreover, temperature control of 45°C - 55°C eliminates thermal influences such as overheating and embrittlement of the object. Additionally, the fan is extremely silent.

12 years (20,000 hours) at your service

In a highly efficient manner, the 72 LED lights of bre.Lux 2 transform the power input into light energy and offer a longer service life than halogen lights (max. service life of 2,000 hours).

12 years



Clearly legible display



10 individually adjustable programs + 1 continuous lighting program

Quick access to 3 typical visio.lign programs

Activation and deactivation of the rotary plate also during the program sequence

Spacious drawer

The focus in the development was on ease of use and a particularly large capacity. The drawer easily accommodates large-size objects, such as flasks.



The polymerisation times are guide values for intact devices.
Individual programmes: Metal frameworks store the thermal energy of light more than pure polymers. Heat can have a positive effect on materials in the form of post-treatment or, in the case of too much heat, can lead to embrittlement or stresses. The development of heat can be conveniently controlled by the user by automatically adapting the stored (default) programs to the desired material conditions. For metal-free restorations or constructions with material thicknesses

of more than 2mm, the option up to 100% power "Red. Power off" is recommended. For restorations that include metal components or involve high material shrinkage, it is recommended to reduce the light power: "Red. Power on". However, raising the power to 100% is always possible in the individual programs without having to re-adjust the unit.
 In some cases, the curing times may change proportionally.

Advantages at a glance



Reliable polymerization

- all light waves available
- = maximum penetration
- = top quality of the result

Unsurpassed polymerization speed

72 lights + full range + rotary plate + Light-Tray

Reliability

- Careful and gradual increase of luminous power
- Temperature control 45°-55° C - up to 65°C possible for individually adjustable programs
- Overheat protection
- Automatic deactivation of the light with acoustic signal at the end of the program

Long service life of the LED lights 20,000 operating hours or 12 years

Ease of use

- Easy and fast access to programs
- Programmable to satisfy individual requirements
- Spacious drawer
- Extremely silent unit
- Compact unit

Technical data - bre.Lux PowerUnit 2

Basic unit

U:	100-240 VAC
P:	130 W
Frq:	50/60 Hz
Fuse:	T 2.0 A
Light range:	370 - 500 nm

bre.Lux LED N2 hand lamp with stand **Optional**

Technical data - hand lamp

Hand lamp

U:	5 VAC
P:	5 W
Light range:	370 - 500 nm

Plug-in power unit - hand lamp

U:	100-240 VAC
P:	15 W max.
Frq:	50/60 Hz
Output	5 V / 3 A

