



VAFU

WIDE-SPECTRUM CURING LIGHT

1 SEC FOR CURING



Purple



Blue



Red



Black

10W LED

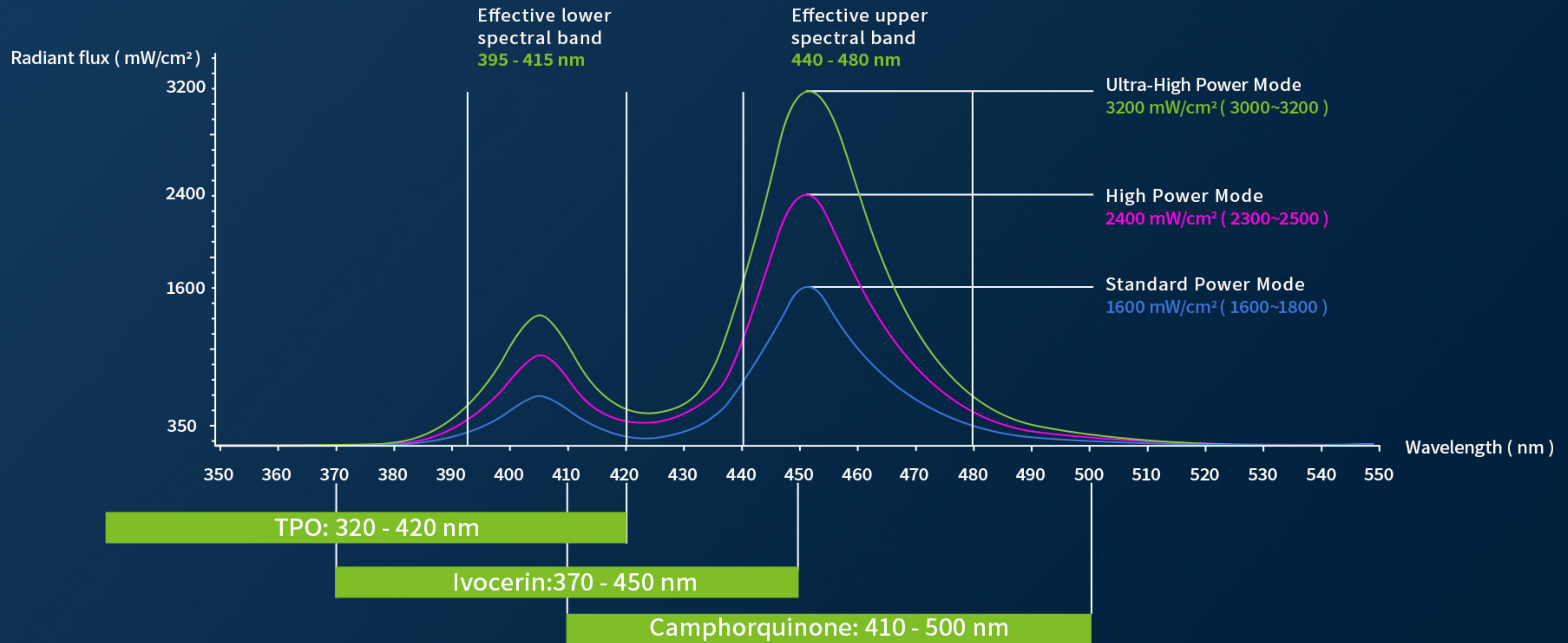
IMPORTED **10W** LED LIGHT FROM THE US

Collimated beams are more focused,
the output energy of the light source
is more concentrated, and the penetration
power is stronger.



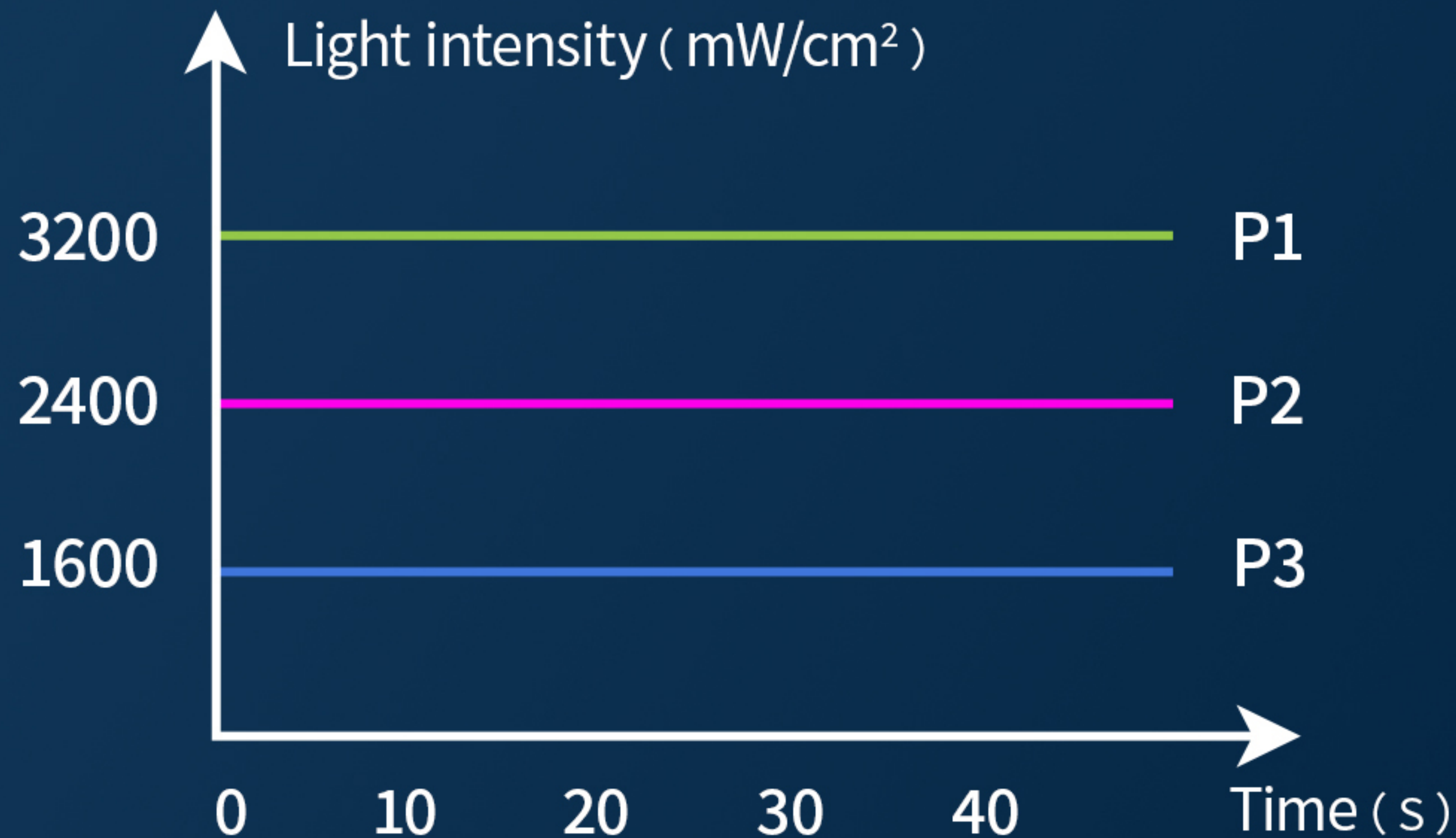
Broad Spectrum Curing Compatible with Various Resin Materials

The spectrum range of **385 nm - 515 nm** includes photo-initiators such camphorquinone (**CQ**), acylphosphine oxide (**TPO**), and phenylpropanedione (**PPD**), allowing curing for most resins on the market.



NINE COMBINATIONS TO ADAPT TO CHANGING CIRCUMSTANCES

Full Power Mode



Full Power Mode

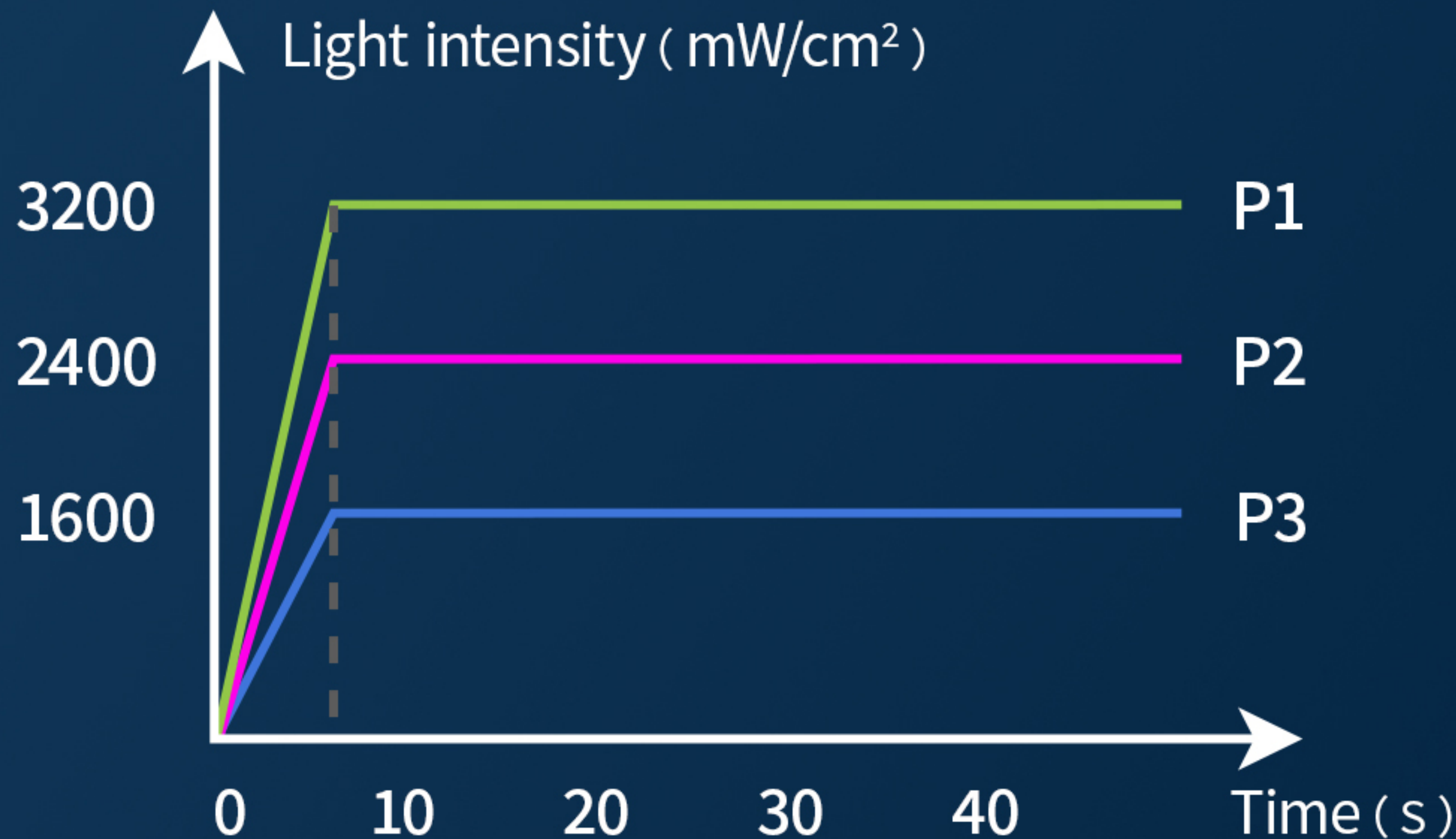
Continuous full-power output for rapid curing of composite resins.

P1 (Ultra-High Power)

Ultra-High Power: 3000 - 3200 mW/cm^2
Duration: 1s/2s/3s

NINE COMBINATIONS TO ADAPT TO CHANGING CIRCUMSTANCES

Progressive Mode



Progressive Mode

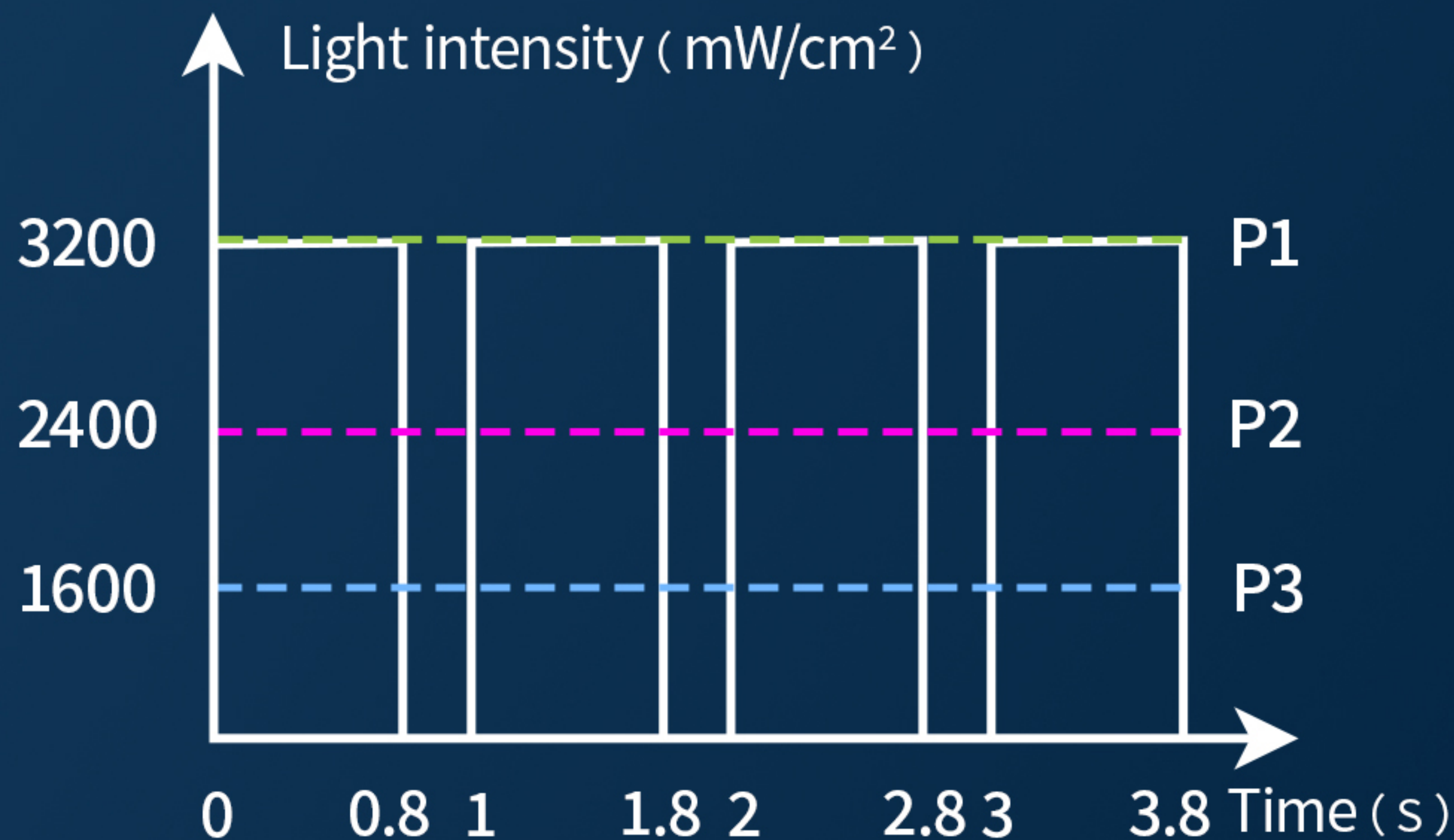
Gradual intensity increase reduces resin shrinkage, minimizing microleakage and ensuring dense filling.

P2 (High Power)

High Power: 2300 - 2500 mW/cm^2
Duration: 1s/2s/3s/4s/5s/10s/15s/20s

NINE COMBINATIONS TO ADAPT TO CHANGING CIRCUMSTANCES

Pulse Mode



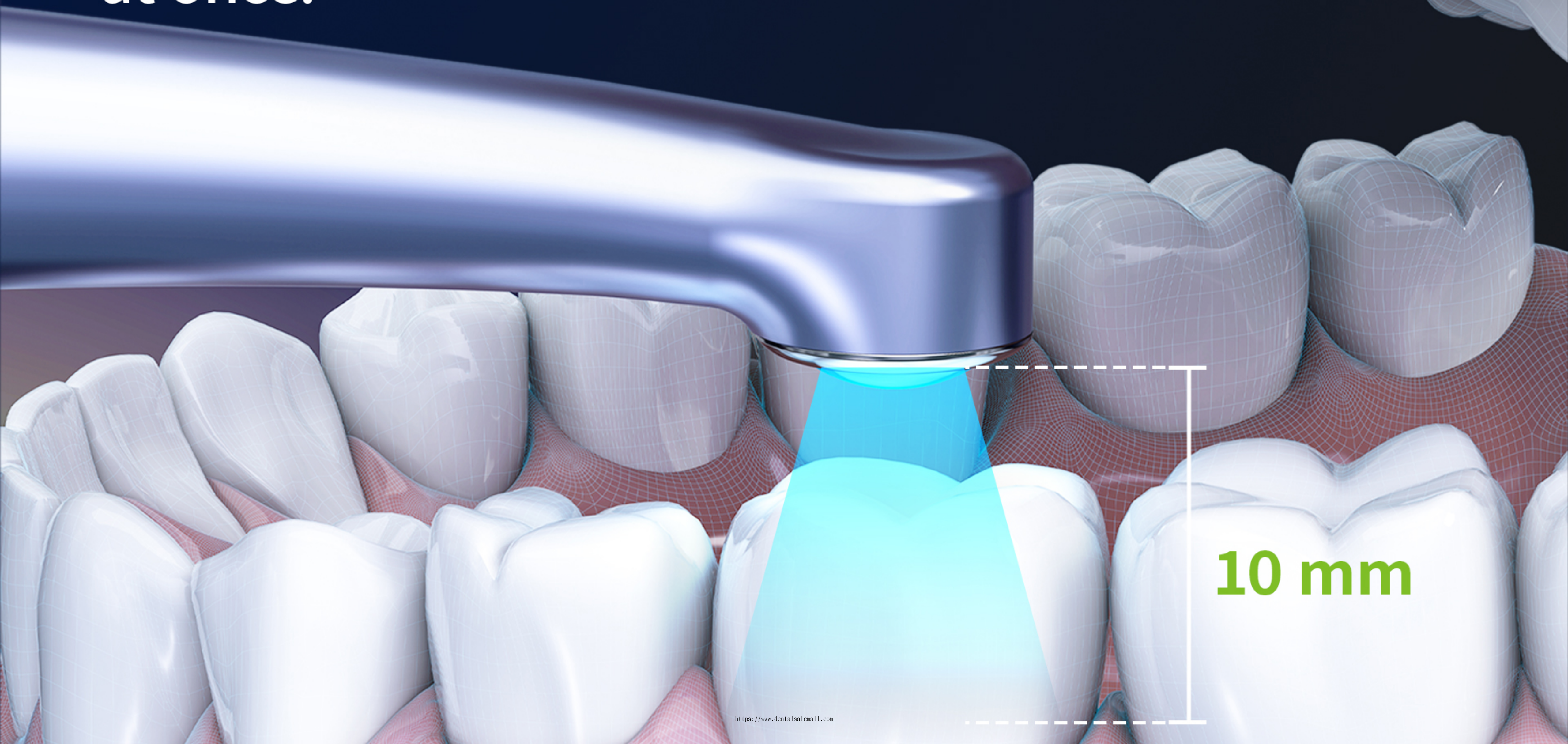
Pulse Mode

Alternating **0.8 s** illumination and **0.2 s** pause cycles reduce heat generation during treatment.

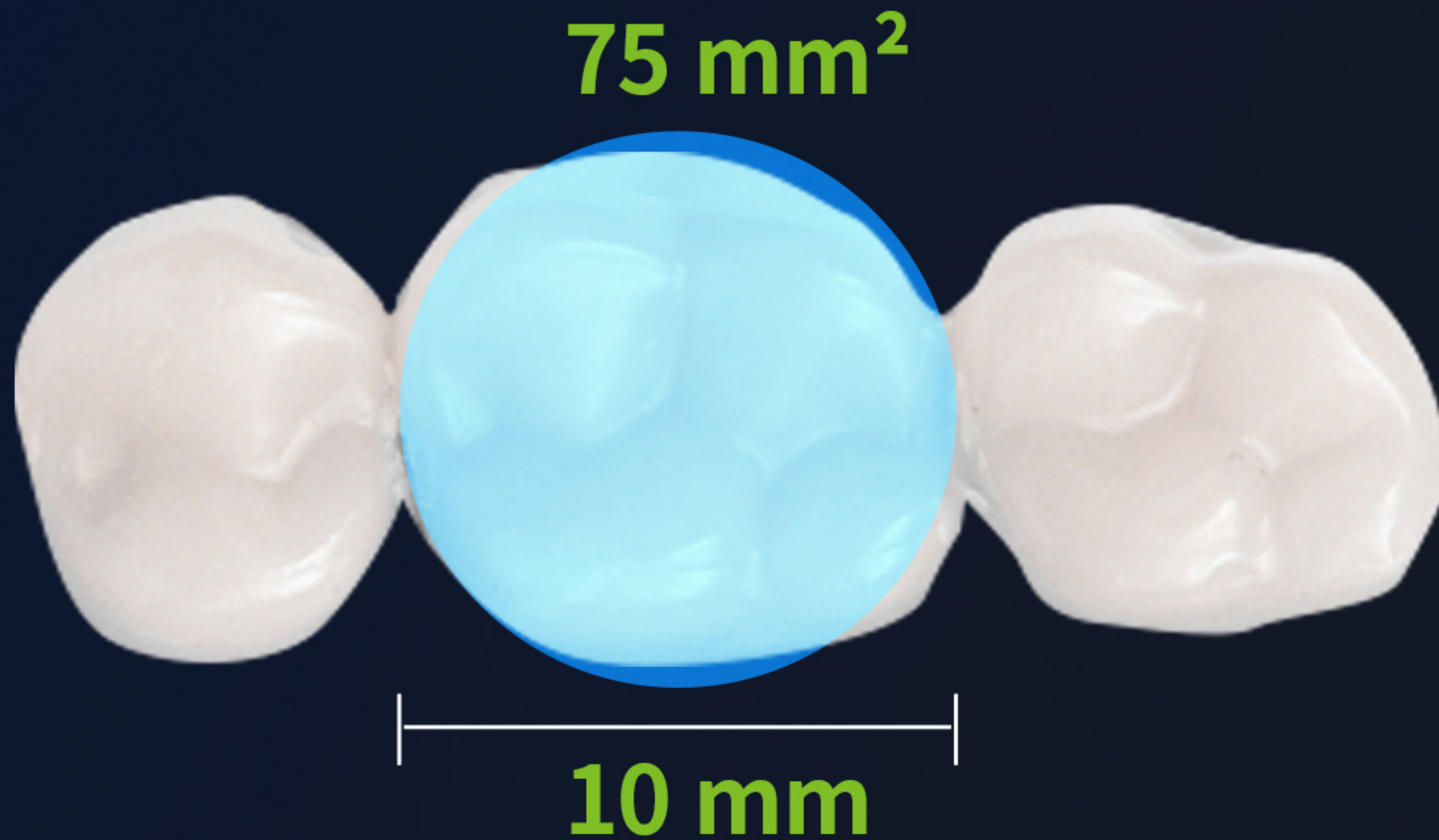
P3 (Standard Power)

Standard Power: 1600 - 1800 mW/cm^2
Duration: 1s/2s/3s/4s/5s/10s/15s
/20s/25s/30s/35s/40s

The **10mm** lens diameter provides a broader illumination range, covering larger restorations at once.

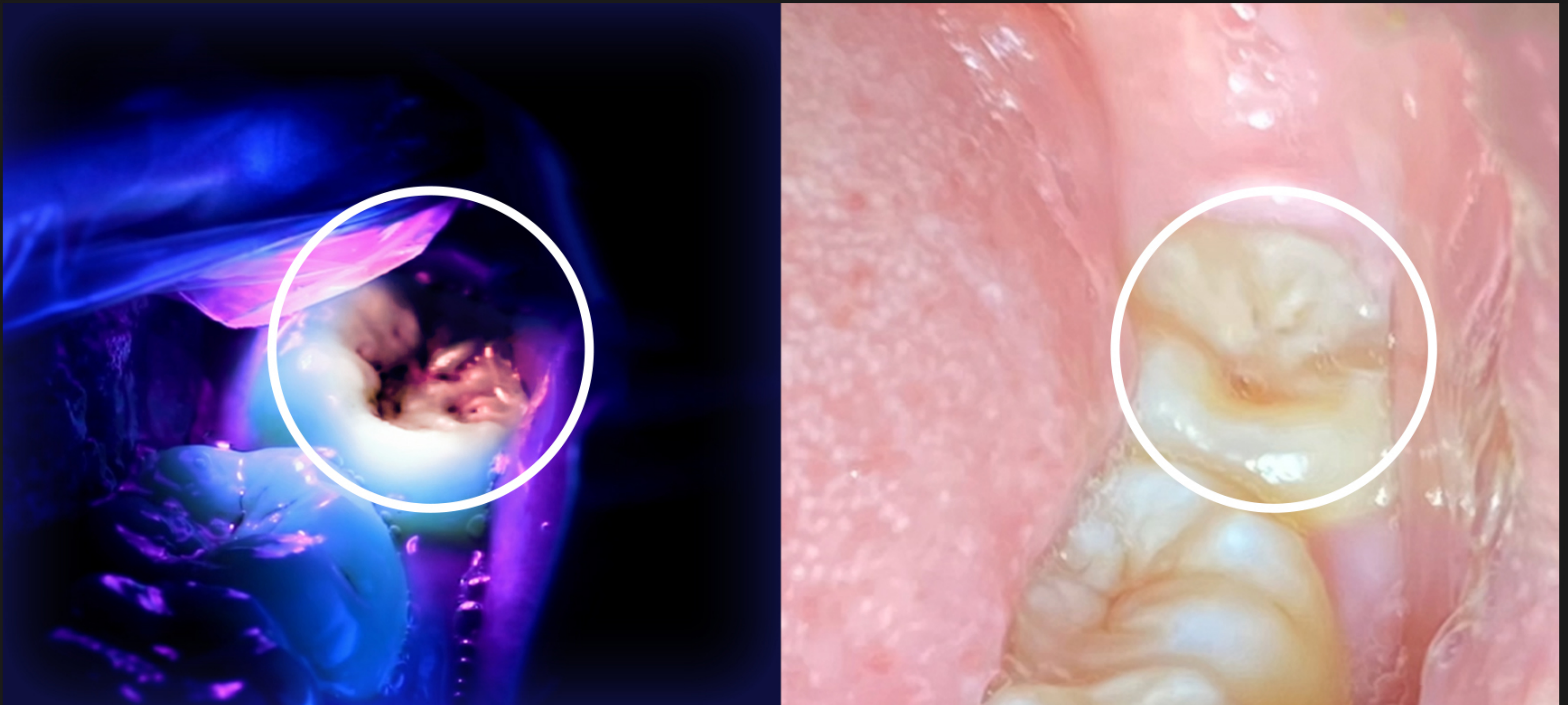


The light source has an optical effective area of 75 mm², a 10mm diameter, and a 10 mm depth.



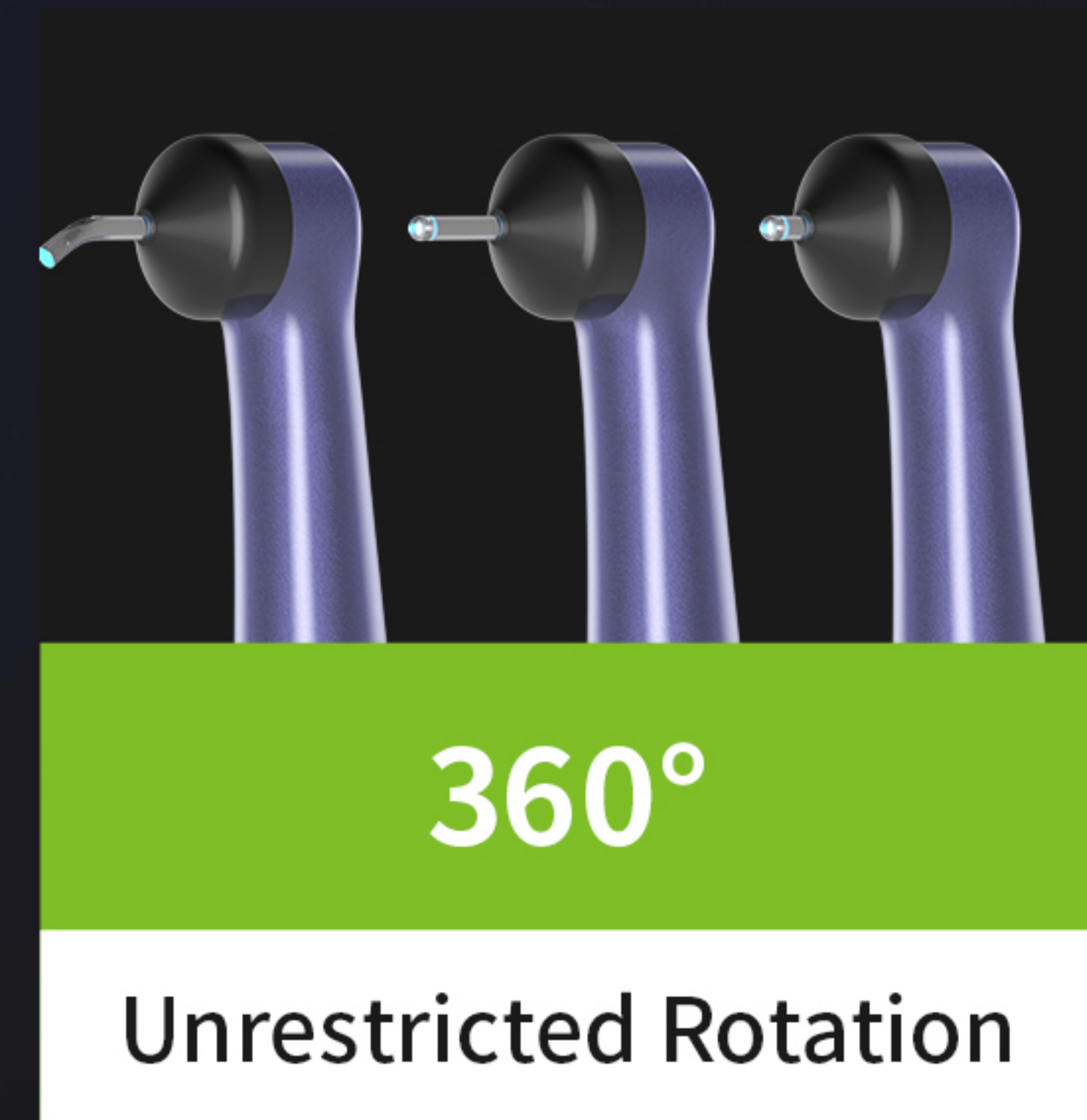
DENTAL CARIES DETECTION WITH A CLEAR VIEW

In caries detection mode, there is no need to replace the head. When light is irradiated on the caries site, red fluorescence will be generated, which can be used to determine whether the caries removal is clean (VAFU does not have caries detection mode, and the head needs to be replaced).



360° ROTATABLE HEAD FOR FLEXIBLE ILLUMINATION OF ALL INTRAORAL ANGLES

The rotating head provides all-around illumination, easily illuminating various angles inside the mouth. With a lightweight head, the patient's mouth is small and comfortable to treat. Equipped with **3 types** of magnetic point curing heads, including spherical curing lens, root canal guiding lens, and point curing lens, to meet different clinical needs.



AUTOMATIC MEMORY, READY IMMEDIATELY

Automatically save the current working mode after each use, automatically restore upon startup, and improve treatment efficiency



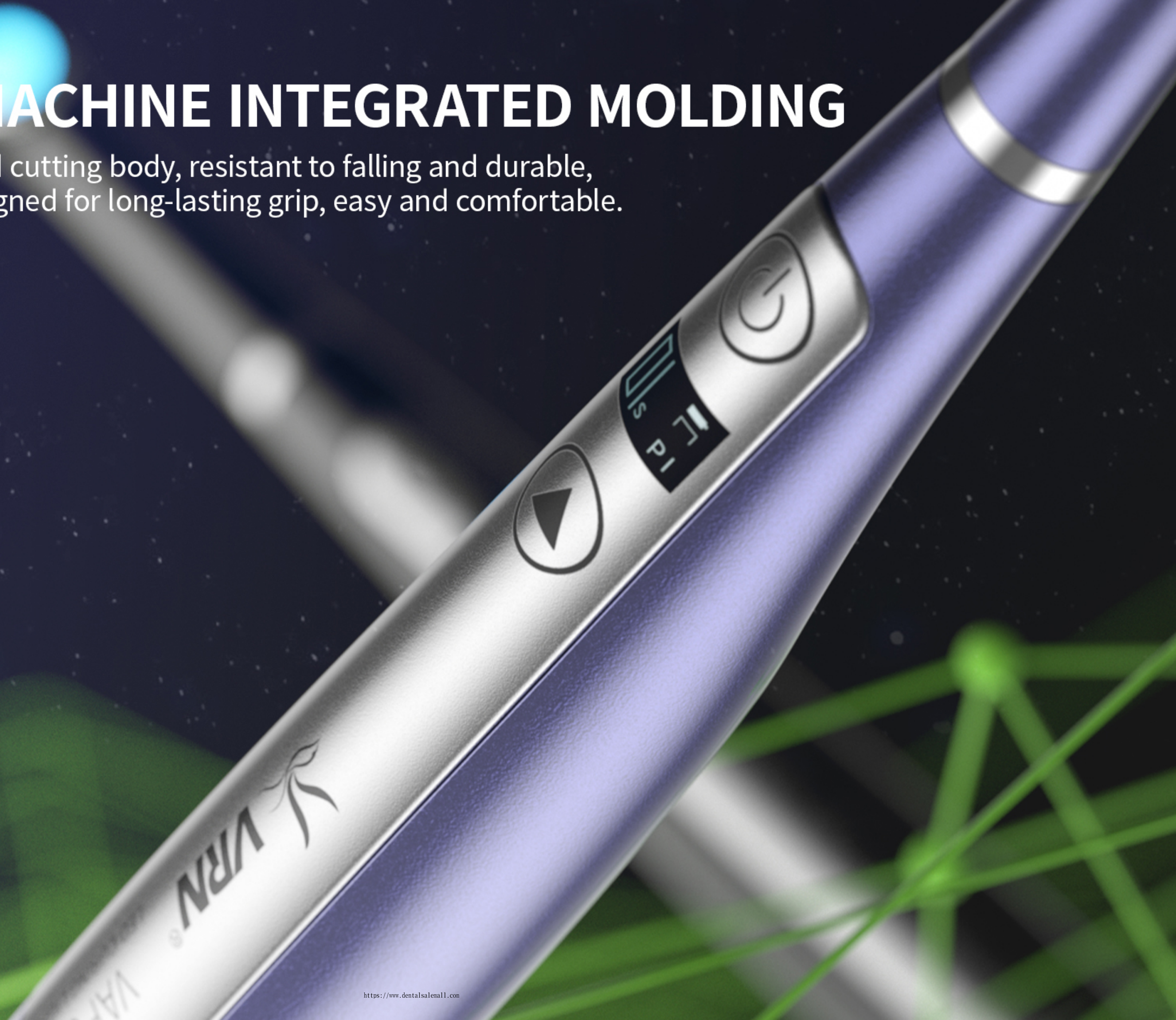
OLED DISPLAY FOR CLEAR INFORMATION

The body is equipped with an OLED display screen, which clearly displays the mode, time, and battery level. Fully charged, it can be used more than 500 times (with a capacitance of **2200mAh**, timed counting in **P1** mode for **1 seconds**)

OLED Display

WHOLE MACHINE INTEGRATED MOLDING

All metal integrated cutting body, resistant to falling and durable, ergonomically designed for long-lasting grip, easy and comfortable.



THE BASE CAN MEASURE LIGHT INTENSITY

Wireless charging base, capable of measuring light intensity, accurate light intensity is necessary to ensure resin curing effect (**Qi protocol**)

