

# Cordless LED Curing Light **DV-50**



1 Second  
to Cure



Parallel Light  
Output



Wide Spectrum  
385nm - 515nm



3 Power Levels  
Optional



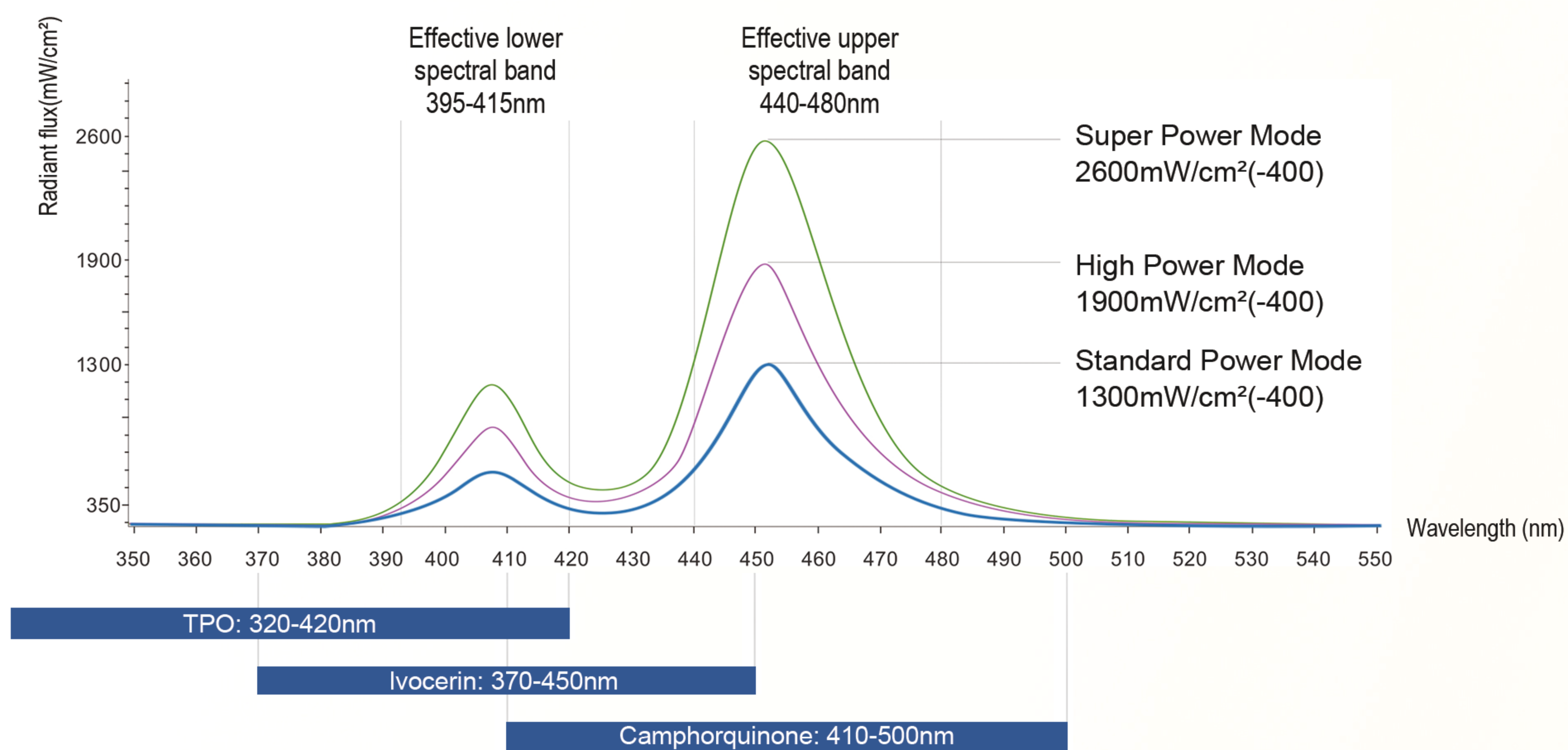
**Wide spectrum LED curing light, wider wavelength range**  
**Better curing resin materials containing TPO and other new photoinitiators**

## Wide Spectrum Curing

The wavelength range of the light emitted by the DV-50 wide spectrum curing light is 385nm to 515nm. The main increase in the effective band is 385nm-420nm.

The new band can better cure the resin materials containing TPO, PPD and other new photoinitiators, reducing the risk of resin shedding and incomplete curing.

### The effective wavelength bands of curing(385-515nm)



## High-intensity Light

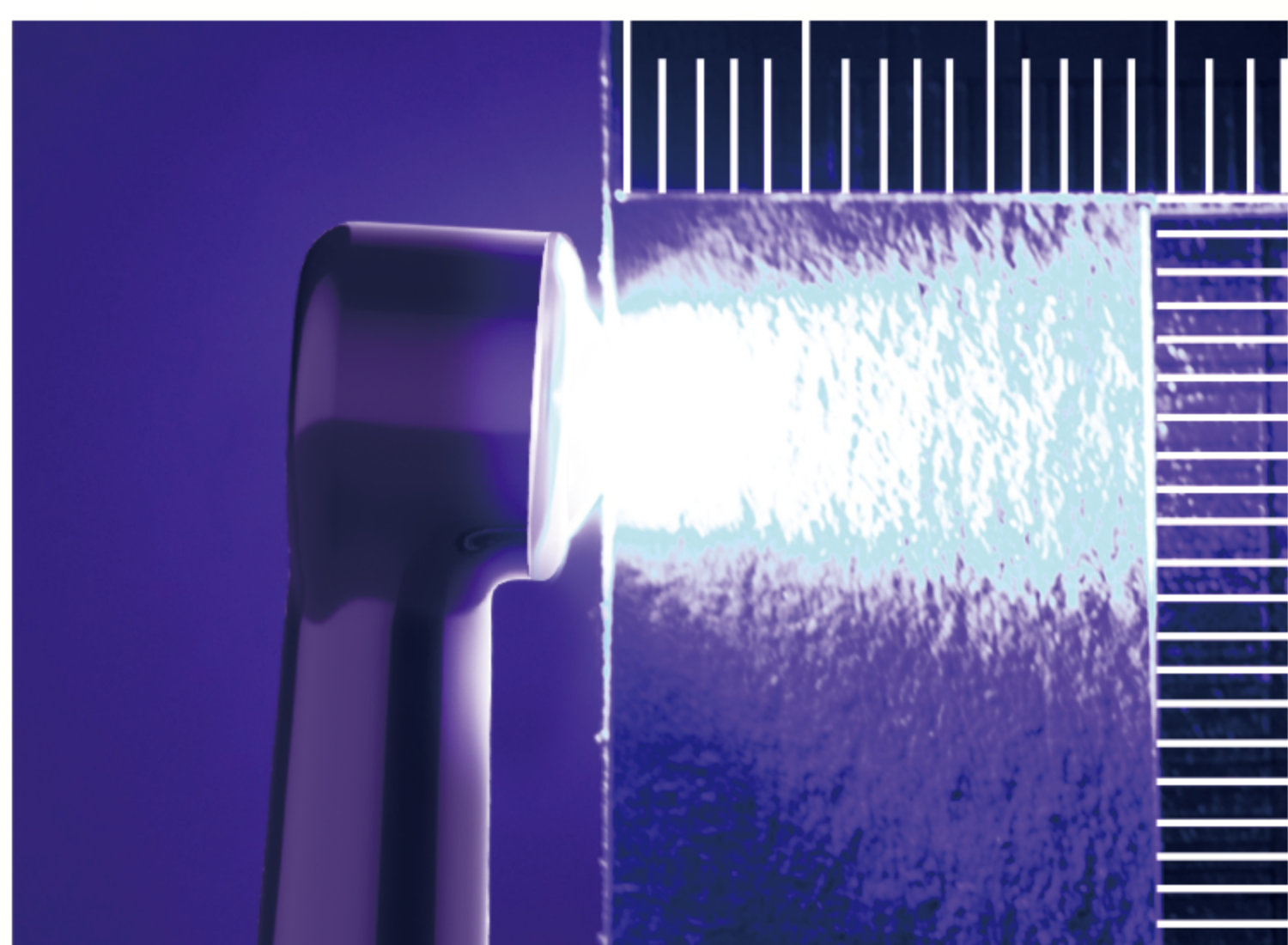
3 Power modes, 9 ways of irradiation, maximum light intensity up to 2600mw/cm<sup>2</sup>

At least, 2mm resin can be cured in 1 second.

Especially suitable for orthodontic brackets, porcelain veneers and post - core adhesives.

## Parallel Converging Light

More concentrated energy, higher curing efficiency.



## Dental Caries Detection

Dental caries can be easily detected with the DV-50 dental caries detection head, which shows a purple color.



## 2 kinds of Magnetic Fiber-optic Lens

To meet different clinical applications



**Spherical Curing Lens**  
For small composites and is helpful for building convex proximal contacts



**Endo Guide Lens**  
For the preparation of root apex and other stenosis.





### Curing effect of type II tooth cavity filling



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