



## Homogeneous & Powerful 20 x 20 cm UV Curing Flood



Plug & Play



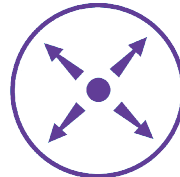
UV LED technology



Different references:  
size, power level, optics



Irradiance up to  
1800 mW/cm<sup>2</sup>



Light homogeneity  
level >85 %



UV-C / UV-B / UV-A

## PRODUCT DESCRIPTION

**UCUBE-20** is a compact and powerful UV with surface lighting solution, designed for repeatable UV irradiation processes.

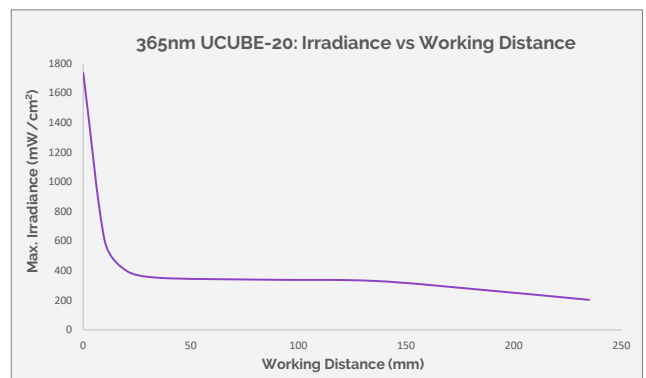
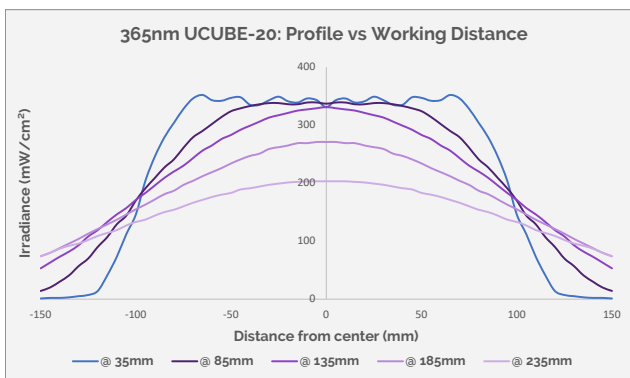
With its seamless integration into production lines, or any modulable product such as the **UV CHAMBER**, which offers a simple and secure user experience.

**UCUBE** range includes other products with different dimensions and irradiance levels offering more choices according to the UV application. In addition to its efficient air-cooling system, it also provides the option for water cooling.



## OPTICAL SPECIFICATIONS

**UCUBE-20** features an optical LED window measuring 20 cm x 20 cm for a significant surface area. It comprises 100 high-quality LEDs, enabling an improved ultraviolet flux at various wavelengths, including: UV-C, UV-B, and UV-A (other UV, visible or infrared wavelengths being available on request).



## COLLIMATED OPTION

The standard version of **UCUBE-20** has a dispersive UV illumination but an optional collimated beam can be integrated to keep at least 85% of the global irradiance at 10cm working distance.

### WITHOUT OPTICAL SYSTEM

1 (Dispersive beam)



### WITH OPTICAL SYSTEM

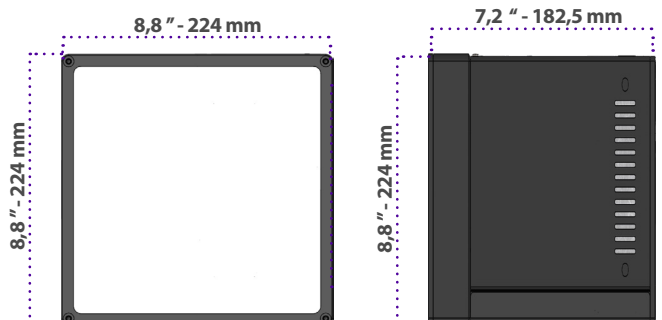
2 (Collimated beam)



## APPLICATIONS

- Polymerization processes such as assembly, fixing or encapsulation of components in various industry sectors.
- Semi-automated & safe UV curing applications: inks, glues, varnishes and resins.
- Research & Development experiments using UV light in chemical, material, and biological laboratories.

## DIMENSIONS



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