



Homogeneous & Powerful 20 x 20 cm UV Curing Flood



Plug & Play



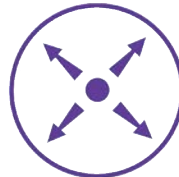
UV LED technology



Different references:
size, power level, optics



Irradiance up to
1800 mW/cm²



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.

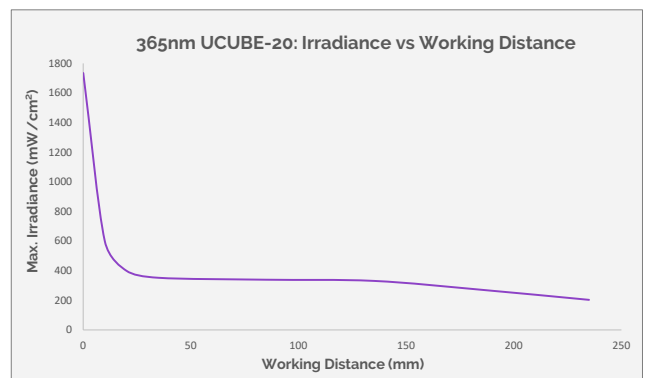
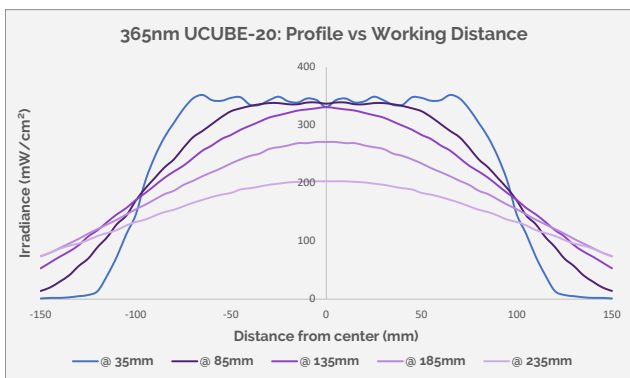
With its seamless integration into production lines, or any modulable product such as the **UV CHAMBER**, which offers a simple and secure user experience.

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

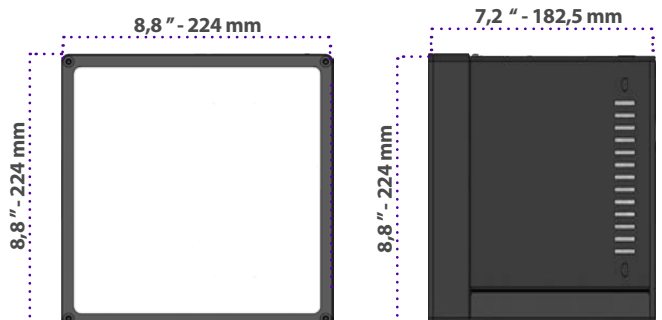
2 (Collimated beam)



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



For more information:
 contact@uwave.fr
 Tel : +33 (0)9 72 52 70 02
 Fax : +33 (0)9 72 11 21 69

UWAVE
 10 Avenue de Norvège
 Parc des Erables - Bâtiment B6
 91940 Villebon-sur-Yvette - FRANCE

To learn more about our UV curing solutions please visit www.uwave-uv.com