

UV Basics HD Black



Printer and Resin Profiling

Photocentric UV Printers

To print with Photocentric UV printers, choose UV Basics HD Black and the desired layer thickness when preparing your print file in Photocentric Studio.

3rd Party UV Printers

- Photocentric UV high-performance resins have been formulated to be compatible with a wide range of 3rd Party Printers. This list is continually updated, for the most up-to-date information, please visit our UV Resin Compatibility Page. All resins are functional at a wavelength of 385-405 nm.
- Basic print settings for a 100 µm layer of Photocentric's UV Basics HD Black have been found for the 3rd Party UV Printers below:

Printer	Software Used	Exposure Time Normal Layers (s)	Exposure Time Bottom Layers (s)	Z Axis Lift Speed (mm/min)	Bottom Retract Speed (mm/min)
LC Opus	Photocentric Studio	2	30	100	50
UniFormation GKtwo	Formware 3D	5	60	100	50
BQ	Chitubox	3.5	50	100	50
Flashforge	Chitubox	6.3	70	100	50
Elegoo Mars 3	Formware 3D	6	60	100	50
Elegoo Saturn S	Formware 3D	7	60	100	50
Elegoo Saturn 2	Formware 3D	6	60	100	50
Anycubic Photon Mono 4K	Formware 3D	5.5	60	100	50
Anycubic Photon Mono X2	Formware 3D	4	60	100	50
Anycubic Photon Mono X6K	Formware 3D	4.5	60	100	50
Anycubic Photon M3 Premium	Formware 3D	5.8	60	100	50
Anycubic Photon M5s	Formware 3D	4	60	100	50
Phrozen Sonic Mini 8K	Formware 3D	6	60	100	50
Phrozen Sonic Mighty 8K	Formware 3D	8	60	100	50
CL-60 Creality Halot One	Halot Box	8	60	100	50
CL-103L Creality Halot Mage	Halot Box	4	60	100	50



Bear in mind the exposure time vs energy is not a linear trend, and this data is intended strictly as a guideline. Settings may need to be further optimised to suit each printer.

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