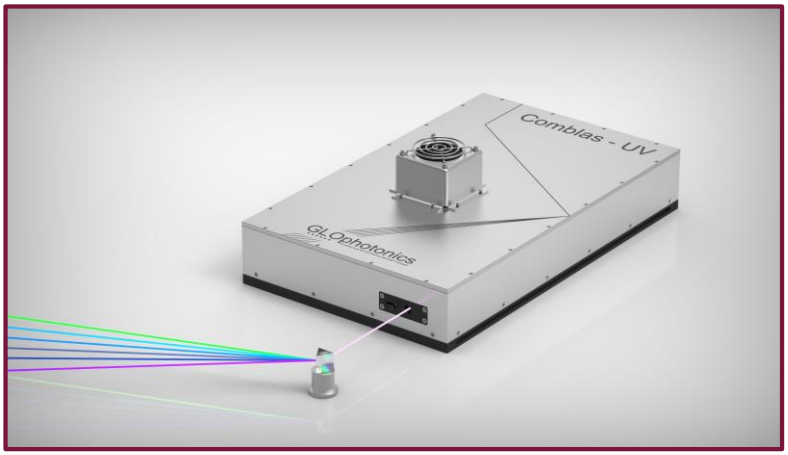
GLOphotonics
The Hollow-Core PCF and Photonic MicroCell™ Company

Comblas-UV

The multi-line laser for UV applications



Features

- More than 20 laser lines in 1
- Broadband: 250-400nm
- High power spectral density
- Rack free
- Compact
- Turn key

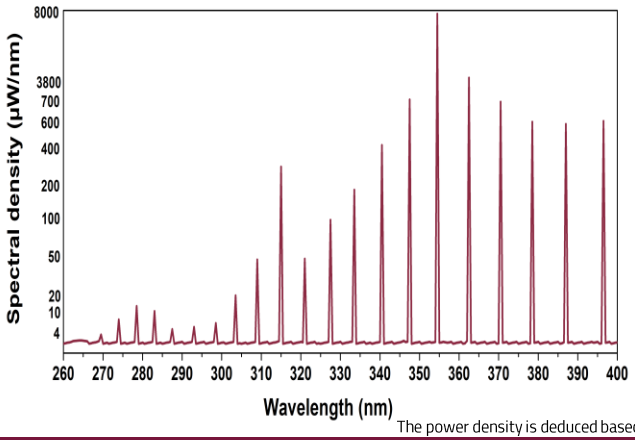


Your perfect high power spectral density solution for broadband source in UV

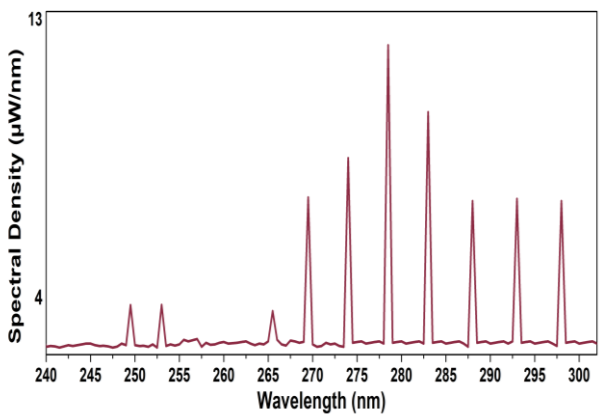
Applications

- Spectroscopy
- Cytometry
- OCT
- Trace gas analysis
- Forensics
- Bio-imaging

Broadband 250-400nm



Zoom 250-300nm



The power density is deduced based on spectrum analyser limited linewidth of 0.3 nm

All specifications may be changed without notice

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France

www.glophotonics.fr
contact@glophotonics.fr

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Optical Specifications

Operating Wavelength	249-400 nm
Total Output Power [249nm;400nm]	>13 mW

Spectral Power Density

Wavelength (nm)	**249**	**253**	**265**	**269**	**273**	**278**	**282**	**287**	**292**	**298**
µW/nm	0.20	0.20	0.15	4.00	7.50	12.8	9.40	4.00	4.00	4.00
Wavelength (nm)	**303**	**309**	**315**	**320**	**327**	**333**	**340**	**347**	**355**	**362**
µW/nm	20.0	50.0	300	53.0	105	210	405	700	7 800	3 800
Wavelength (nm)	**370**	**378**	**387**	**396**						
µW/nm	680	590	585	600						

Pulse Repetition Rate	1 kHz

Mechanical / Electrical Specifications

Operation Voltage	100 – 240 VAC 50/60Hz
System Cooling	Air Cooled
Operating Temperature	18°C-25°C
Laser Head Dimension	288*470*126 mm
Controller Dimension	21*17*5 mm
Laser Head Weight	11 kg
Controller Weight	1 kg

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