

Specifications

Model Number	UV261-10-DB
<i>Optical Specifications</i>	
Wavelength	261 nm
Center Wavelength Deviation	+/- 1 nm
Output Power	< 10 mW
M ²	< 1.6
Longitudinal Mode	Multi
Transverse Mode	Near TEM00
Power Stability (over 4 hours) (rms)	< 10 % (optional: < 5%)
Operating Mode	Q-switched
Single Pulse Energy	0.1~4 μJ
Pulse Duration	~ 4 ns
Peak Power	25 ~ 1000 W
Beam Parameters	Elliptical (4:1), Beam Spot ~2 mm
Warm-up time	< 12 minutes
Polarization Ratio	> 50:1
Spectral Purity	> 99%
Beam Height from Base Plate	45 mm
Working Temperature	10 to 35 ° C
Cooling Mode	TEC / FANS
Estimated Lifetime (MTTF)	5000 hours
Warranty Time	1 year
<i>Mechanical Specifications</i>	
Dimension of Laser Head	245 (L) x 88 (W) x 74 (H) mm
Dimension of Power Supply	238 (L) x 145 (W) x 104 (H) mm
Dimensional Tolerances	+/- 1 mm