

CARBIDE | 50W UV

NEW

High-Power UV Femtosecond Laser

FEATURES

- 343 nm output
- Industrial-grade design
- High beam quality and stability
- Compact footprint

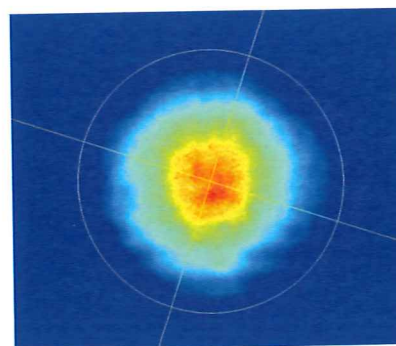
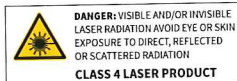


CARBIDE-CB3-50W-UV

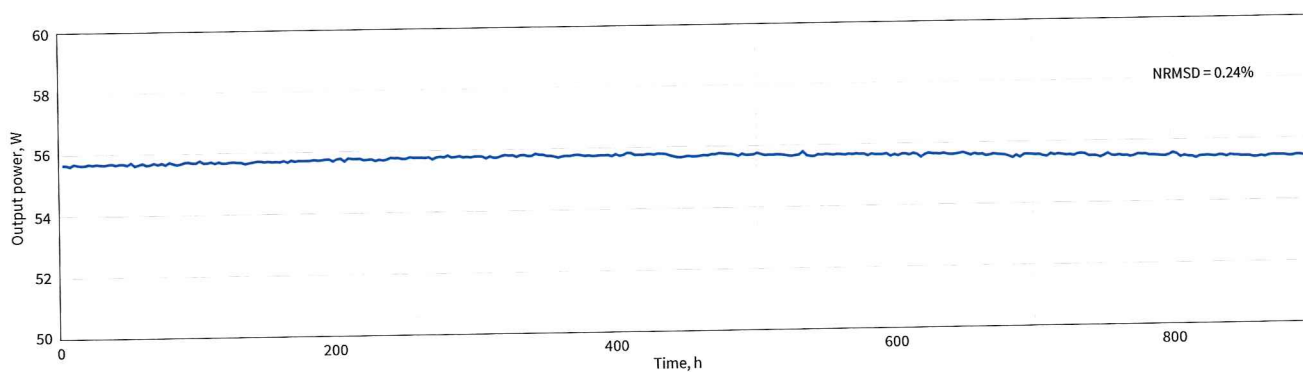
SPECIFICATIONS

Model	CB3-50W-UV
OUTPUT CHARACTERISTICS	
Output wavelength	343 nm
Maximum output power	50 W
Pulse energy	40 – 160 μ J
Pulse duration ¹⁾	$\approx$ 500 fs
Repetition rate	120 – 1000 kHz
Beam quality, M^2	< 1.3

¹⁾ Assuming Gaussian pulse shape.



Beam profile of
CARBIDE-CB3-50W-UV



Long-term power stability of CARBIDE-CB3-50W-UV