

FYLA SCT5000 Specifications

Total Power > 3 W

Fundamental
Pulsewidth 7 ps

Spectral Range 450-2400 nm

Repetition rate 100 MHz

Full Spectrum
Power Stability <0,5 % (std. dev.)
(3h)

Output
polarization Unpolarized

Output fiber /
length 1.5 m

Optical output Collimated, Single-mode across full spectrum

Synchronization
/ Connections Optical reference signal / Optical Trigger
Signal

Beam Diameter 2.4 mm (1/e² @ 1064 nm, 0.5 m from output)
Customisation down to 1 mm

M2 Parameter <1.2

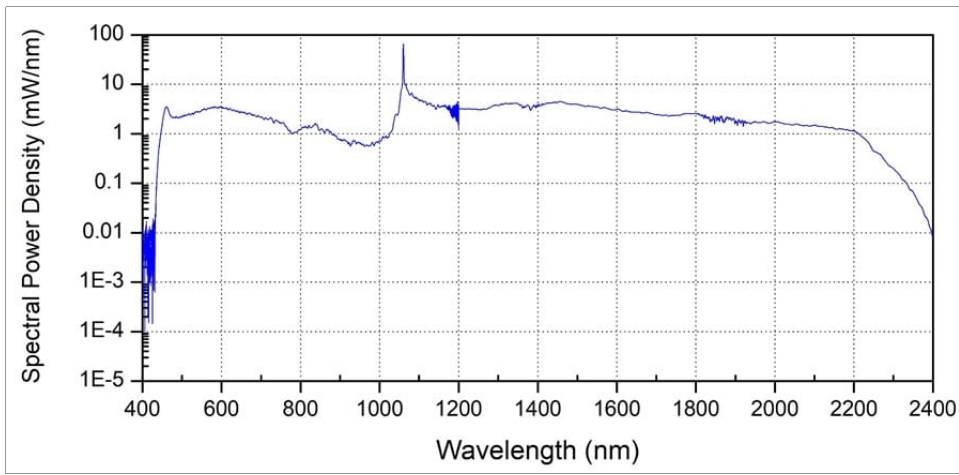
Half-angle
Beam
Divergence 0,032° (at 1064 nm)

Cooling Integrated Peltier + air cooling



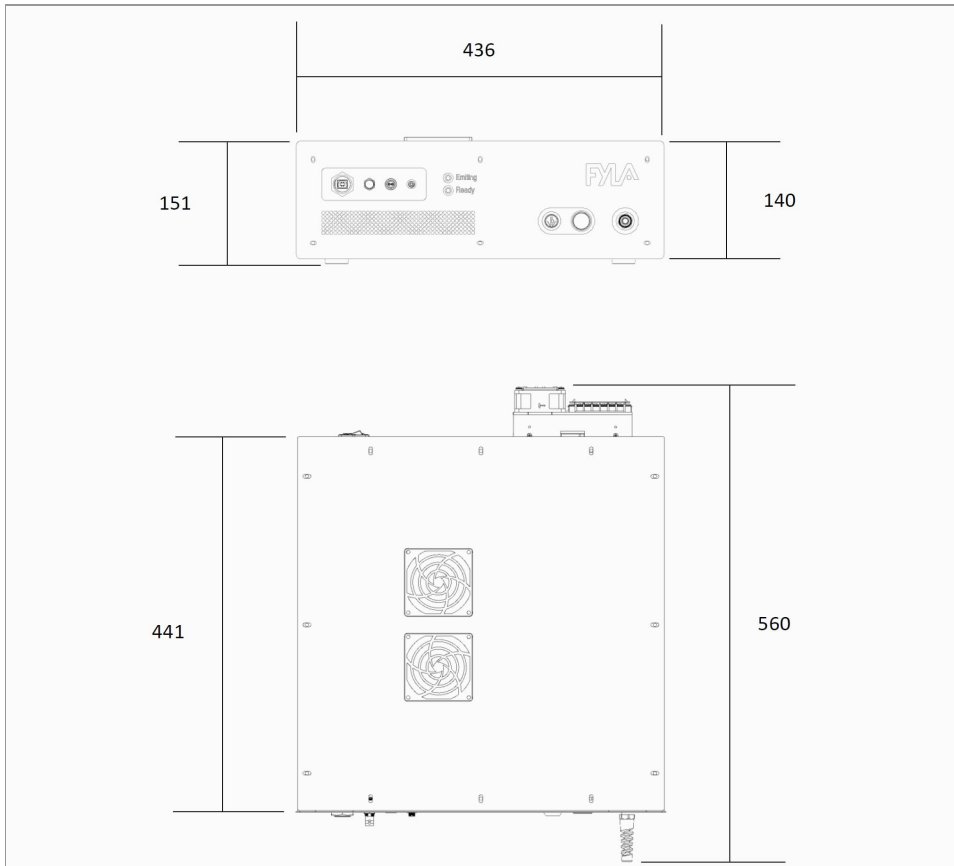
FYLA SCT5000 Specifications

| | |
|---|--|
| Power requirements | 220 V / 110V - 50/60 Hz |
| Display | N/A |
| Displayed Parameters (Controlled) | N/A |
| Control Modes | Remote (USB) |
| Operating Temperatures | 15 - 30 Celsius |
| Storage temperature | 0 - 60 Celsius |
| Dimensions (mm) | 436x560x151 (WxDxH) |
| Power by spectral band | 450-750 nm > 300 mW // 750-2400 nm > 2.5 W |
| Security | This product is a Class 4 laser. Appropriate safety measures according to such laser class should be taken in its installation and use |
| SPECTRAL PROFILE AND OTHER DETAILED SPECS | UNDER REQUEST |



Optical Spectrum

Approximate.



Dimension in mm
