

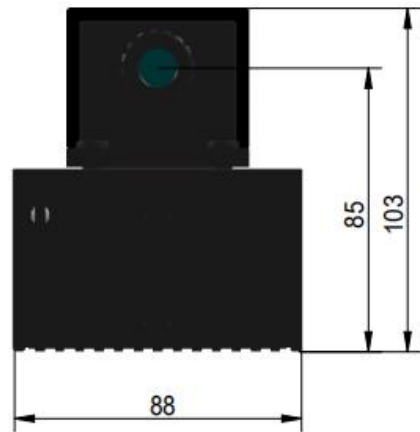
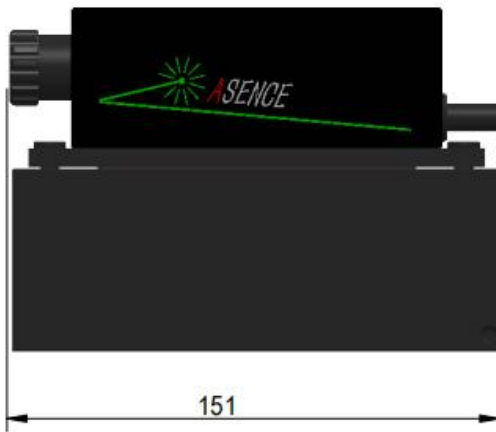


Y571D100-151x88x103-1

Applications

- Laser Medical Treatment
- Scientific Experiment
- Optical Instrument
- Laser Display

Dimensions (Unit: mm)



Specifications

Model Number		Y571D100-151x88x103-1		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Height (mm)	-	88x103	-
	Length (mm)	-	151	-
	Weight (g)	-	-	1800
Housing Material		Black Anodized Aluminum		
Optical Specifications		Min	Typ	Max
Wavelength (nm)		568	571	574
Output Power (mW)		100	150	-
Power Stability at const. Temperature ⁽¹⁾		-	+/- 5%	+/- 10%
Output Power Mode		CW		
Laser Class		4		

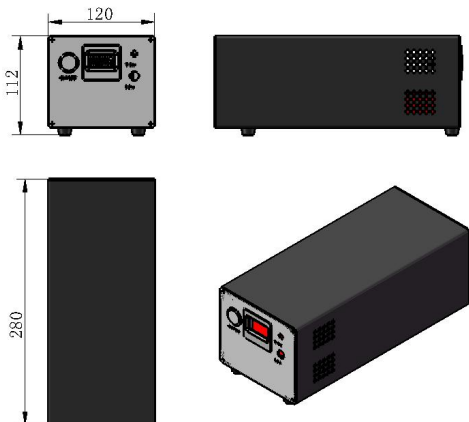
⁽¹⁾ after max. 10 minutes

Beam Specifications	Min	Typ	Max
Beam Divergence (mrad) ⁽¹⁾	-	1	1.5
Beam Diameter at Output Window (mm)	-	8	-
Beam Height from Base Plate (mm)	-	85	-
Beam Mode Longitude	Multi		
Beam Mode Transverse	Multi		
Polarization Ratio (Linear)	100:1	-	-
Residual IR	-	-	1%
Electrical Specifications	Min	Typ	Max
Power Supply	100-240VAC		
Power Consumption (W)	-	60	-
Power Supply Size	Width x Height (mm)	-	120x110
	Length (mm)	-	310
	Weight (g)	-	1950
Reliability	Min	Typ	Max
Operating Ambient Temperature Range (°C)	15	25	35
Warm-up Time (minutes)	-	-	10
Storage Temperature (°C)	0	-	40
Environmental Humidity (RH, %)	5	-	85
Lifetime (hours) (MTTF at 25°C)	5,000	-	-

(1) Full Angle ($1/e^2$)

(2) See picture 2 for example of the beam spot

Picture 1



Picture 2

