

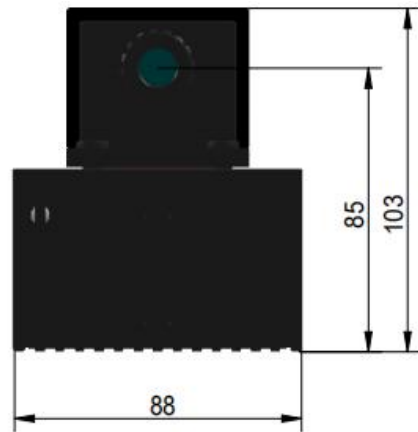
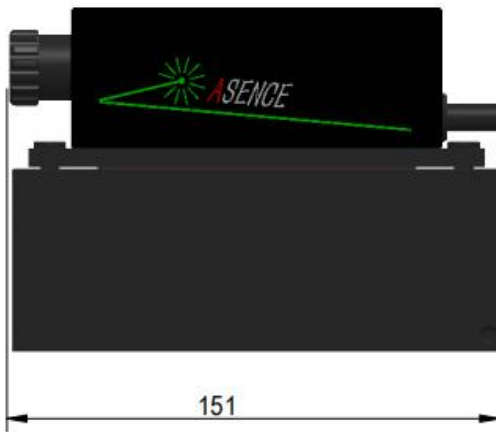


**G530D1000-151x88x103-2**

### Applications

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

### Dimensions (Unit: mm)



### Specifications

<b>Model Number</b>		<b>G5301D1000-151x88x103-2</b>		
<b>Mechanical Specifications</b>		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Laser Head	Width x Height (mm)	-	88x103	-
	Length (mm)	-	151	-
	Weight (g)	-	-	1800
Housing Material		Anodic oxidation treatment		
<b>Optical Specifications</b>		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Wavelength (nm)		529	530	531
Output Power (mW)		900	1000	-
Power Stability at const. Temperature <sup>(1)</sup>		-	+/- 3%	-
Output Power Mode		CW		
Laser Class		3b		

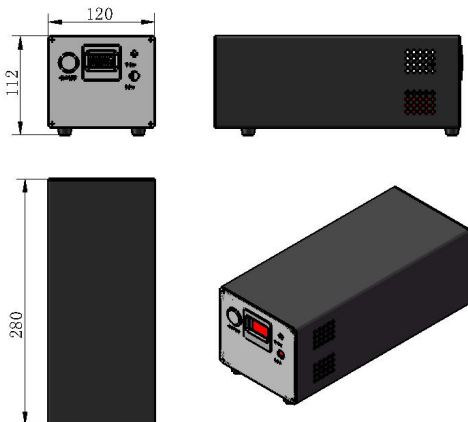
<sup>(1)</sup> after max. 10 minutes

<b>Beam Specifications</b>		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Beam Divergence (mrad) <sup>(1)</sup>		-	-	2
Beam Diameter at Output Window (mm)		-	12	-
Beam Height from Base Plate (mm)		-	85	-
Beam Mode Longitude		Multi		
Beam Mode Transverse		Multi <sup>(2)</sup>		
Polarization Ratio (Linear)		100:1	-	-
Residual IR		-	-	3%
<b>Electrical Specifications</b>		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Power Supply		100-240VAC		
Power Consumption (W)		-	60	-
Power Size	Width x Height (mm)	-	120x110	-
	Length (mm)	-	310	-
	Weight (g)	-	1950	-
<b>Reliability</b>		<b>Min</b>	<b>Typ</b>	<b>Max</b>
Operating Case 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	-	-

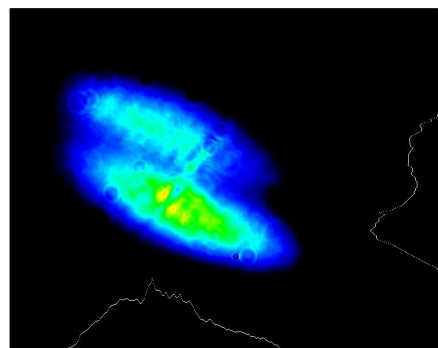
(1) Full Angle ( $1/e^2$ )

(2) See picture 2 on page 2 for example of beam spot

**Picture 1**



**Picture 2**



<b>Checked by</b>	
<u>Sales</u> Date: Name:	<u>Sales</u> Date: Name:
<u>R&amp;D</u> Date: Name:	<u>R&amp;D</u> Date: Name:
<u>QC</u> Date: Name:	<u>Zhongshi</u> Date: Name: