

## DPGL-R-1000-00-00


**Key Features:**

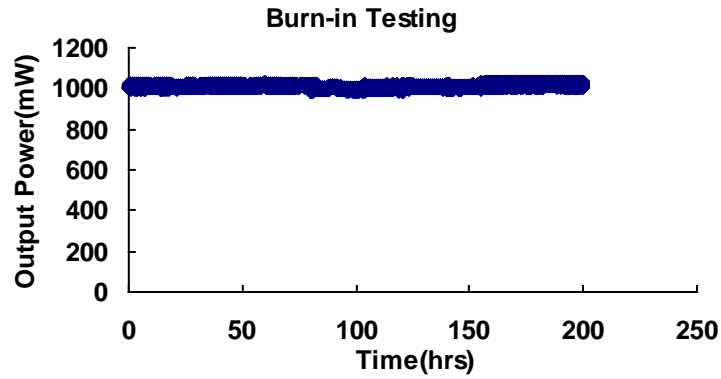
High Power  
 Compact Size  
 High Reliability

**Applications:**

Laser Show  
 Pointing  
 Illumination

Model Number	DPGL-R-1000-00-00			
Optical Parameters	Specs			Conditions
	Min	Typ	Max	
Wavelength	531nm	532nm	533nm	
Output Power	900mW	1000mW	1100mW	
Power Stability (Over 2 hours@ Constant Temp)	-	+/-5%	+/-10%	APC
Operating Temperature (Case)	-	Recommended Temperature(within 20~40°C)	-	External TEC needed
Beam Divergence	-	-	15mrad	Full angle, 1/e <sup>2</sup>
Roundness	70%	-	-	
M-Square	-	-	3	
<b>Electrical Parameters</b>				
LD Working Current	-	6000mA	9000mA	
LD Working Voltage	-	-	2.5V	
Monitor Current	300uA	600uA	1000uA	1000mW @ 25 °C
Warm Up Time	-	-	1s	
<b>Mechanical Parameters</b>				
Laser Head Dimensions(L*W*H)	-	46mm*38mm*20mm	-	
Beam Alignment Tolerance	Position( $\Delta r$ )	-	1.2mm	
	Angle	-	20mrad	
Laser Weight	90g	100g	110g	
<b>Reliability</b>				
Operating Humidity	-	5%~85% R.H.	-	
Storage Temperature	-	-40 to +85 °C	-	
Vibration	-	20~2000Hz, 0.02g <sup>2</sup> /Hz	-	3 axes, 1hr/axis
Expected Lifetime (MTTF)	1000hrs	-	-	Room temperature

## Typical Output Performance



## Dimensions and Pin Configuration (Unit: mm)

