

# 产品. 规格书

## PRODUCT SPECIFICATION

产品名称

Product Name

450激光器

产品编号

Product Number

45MZ-41

规格

Parameter

33\*33\*55YL

东莞市蓝宇激光有限公司

Dongguan Blueuniverse Laser Co.,Ltd

Tel:400-7777-956

<http://www.bulaser.com>

DESCRIPTION. :

(规格书)

SPECIFICATION

THESE SPECIFICATION ARE THE PROPERTY OF DongGuan Blueuniverse Laser Co.,Ltd

AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL

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Model No. :

JLM45350ZA-N1Y9

日期

制定

审核

核准

Document No. :

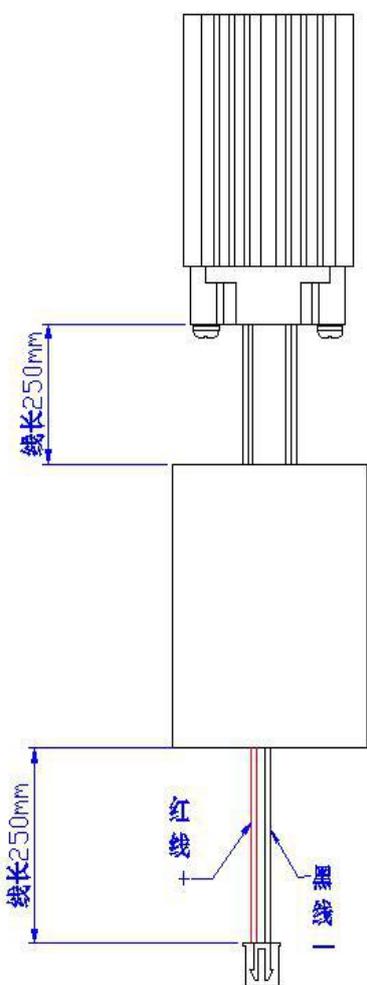
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# 光电参数

## PHOTOELECTRIC PARAMETER

项 目 Item	参 数 parameter	示 意 图 Schematic diagram
外形尺寸: Dimensions	33*33*55mm	
输出波长: Wavelength	450nm±10nm	
输出功率: Output Power	3.5W	
输入电压: Input Voltage	12V	
输入电流: Input Current	5A	
贮存温度: Storage Temperature	- 40℃至85℃	
工作温度: Working Temperature	- 0℃至70℃	
导线长度: Wire Length	25CM	
照射距离: Irradiation Distance	8M	
光点大小: Lightspot Size	<15mm	
工作时间: Service Life	8000H	

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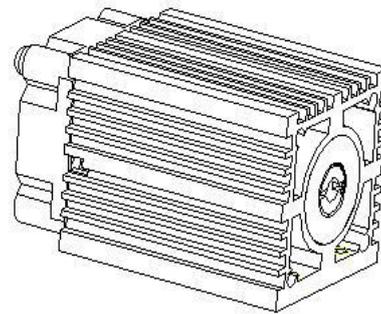
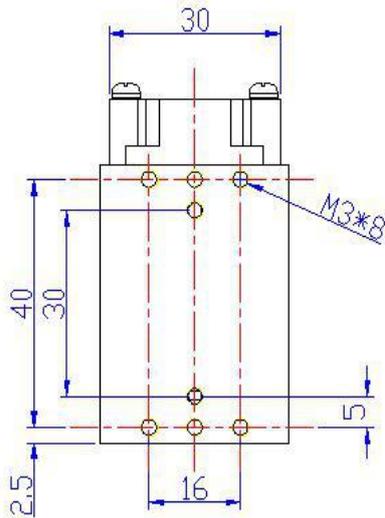
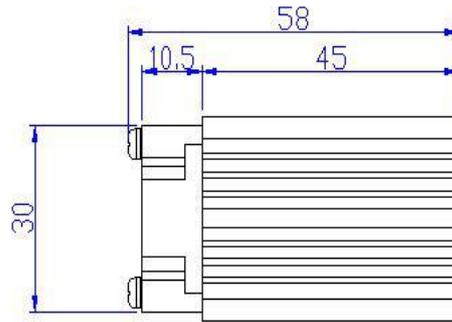
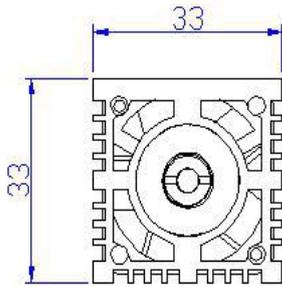
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# 外形尺寸

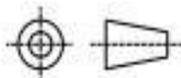
## DIMENSIONS



PCB 尺寸: Max51\*38\*25

UNSPECIFIED DIMENSINO TOL(GB/T1804-92)		
DIM \ TOL	COARSENESS	COARSENESS
0.5~3	±0.02	±0.04
3~6	±0.05	±0.1
6~30	±0.1	±0.2
30~120	±0.2	±0.8
120~400	±0.5	±1.2
UNSPECIFIED ANGLE TOL (GB11359-89-M) ±1°		
Form No: FR-04-0013 Revsion: REV0 Date:2016-4-11		

UNITS: MM



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# 注 意 事 项

## CAUTIONS

1. 激光模组发射的激光有可能对人眼造成伤害。激光模组工作时，严禁直接注视其端面，并佩戴防护眼镜。	1. The laser light emitted by laser module is likely to injure persons' eye, so do not directly gaze its end surface and wear appropriate safety glasses to prevent laser light when it is working
2. 器件需要合适的驱动电源，激光模组和电源连接时，电源输出电压应为零；电流调节时应缓慢增加或减少，以免冲击电流损坏器件。	2. Laser module need appropriate laser driver(PCB). When laser module connect with power supply, please set the output voltage to zero. The adjustment of current should be slowly increase or decrease to avoid damaging the device
3. 器件应当存放或工作于干燥环境，防尘等级达到百万级，以免镜片落入灰尘影响光斑。	3. Keep the device working or storing in dry environment. Anti-dust grade is over one million, in order to prevent dust inside the lens to affect the laser dot shape.
4. 在较高温度下工作，会增大阈值电流，降低转换效率，加速器件的老化。	4. Working at high temperatures will increase the threshold current, reduce conversion efficiency and speed up the aging of the device.
5. 输出功率高于指定参数工作，会加速器件老化。	5. When output power is higher than it's specific parameter of operation, it will accelerate the aging of the device.
6. 连续工作中激光管温度达到70° 要做好散热。	6. When the operation temperature of laser diode is over 70degree, please do well heat dissipation of it.
7. 本产品属于静电敏感器件，在人体有良好接地的情况下才可拿取，防静电可采用防静电手镯的方法, 静电电压小于1V	7. This laser module is electrostatic sensitive device. Please make sure ground yourself or wear an antistatic wrist strap before you take it. Static voltage is less than 1V.



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