

产品. 规格书

PRODUCT SPECIFICATION

产品名称

Product Name

RGB激光器

产品编号

Product Number

LY-RGB-38

规格型号

Specification Model

381*144*177mm

东莞市蓝宇激光有限公司

Dongguan Blueuniverse Laser Co, Ltd

DESCRIPTION.:

(规格书)

SPECIFICATION

THESE SPECIFICATIONS ARE THE PROPERTY OF DONGGUAN
BLUEUNIVERSE LASER CO., LTD. AND SHALL NOT BE REPRODUCED
OR USED AS THE BASIS FOR THE MANUFACTURE OR SELL OF
APPARATUSES OR DEVICES WITHOUT PERMISSION.

Model No.:

LY-RGB-38

日期

制定

品管

审核

核准

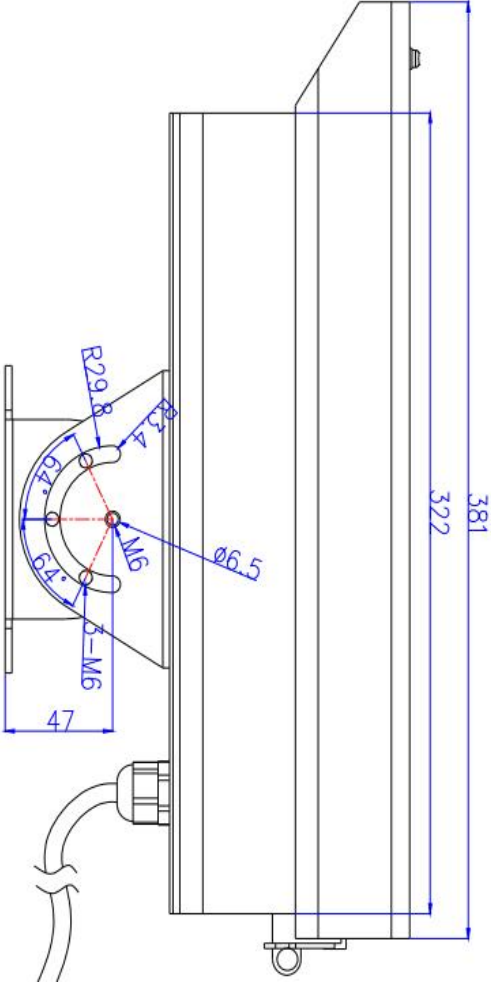
Document No.:

LY-WI-RD-F2594

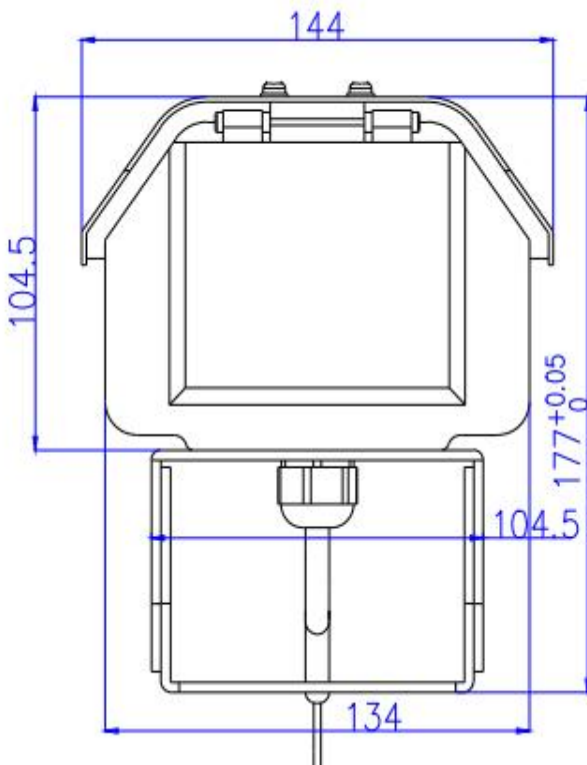
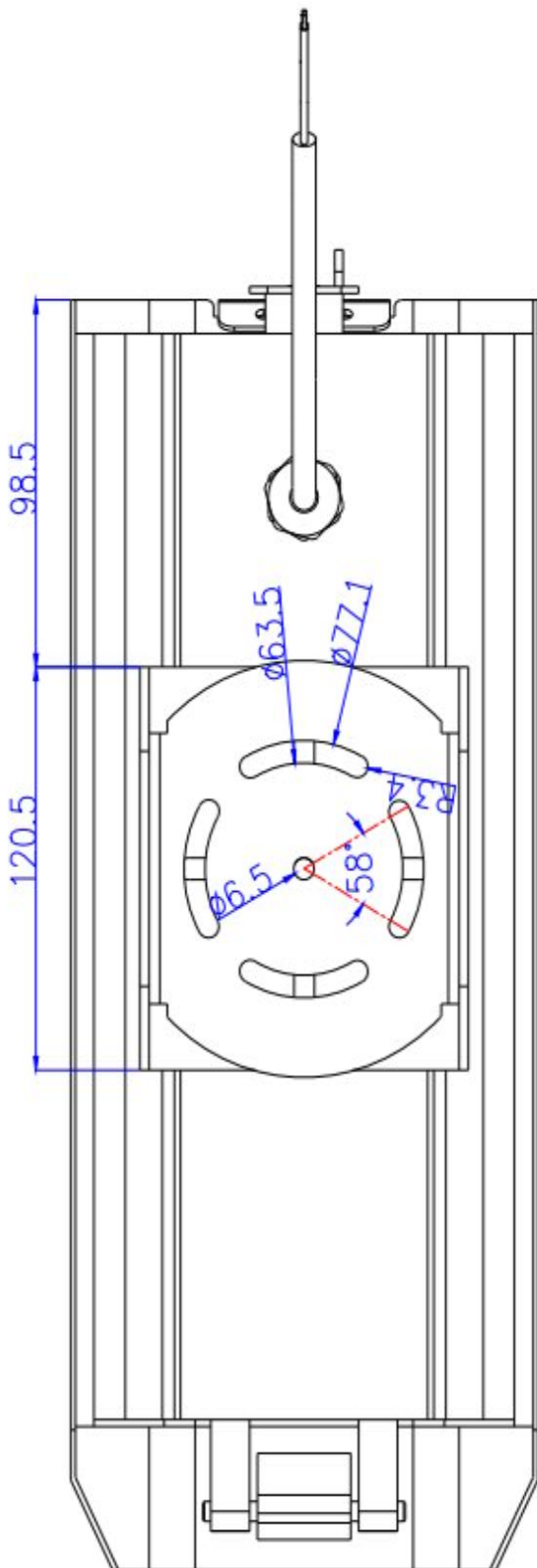
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产品参数
PRODUCT PARAMETERS

项 目 Item	参 数 parameter	示 意 图 Schematic diagram
外形尺寸: Dimensions	381*144*177mm	 The diagram shows a side view of a rectangular laser device with a total width of 381mm and a height of 322mm. On the left side, there is a semi-circular mounting bracket with a radius of R29.8. This bracket has four mounting holes with a diameter of Ø6.5, spaced at 64° intervals. The distance between the center of the bracket and the mounting holes is R14. The mounting holes are labeled M6. The bracket is attached to the device with a distance of 47mm from the bottom edge. A cable is shown connected to the bottom left of the device.
功率: power	>3W	
工作电压: Operating voltage	110-260V	
激光波长: Laser Wavelength	520nm±5nm/638±5nm/445±5nm	
激光等级: Laser grade	Class 4	
工作模式: Working Mode	脉冲	
接线方式: Connection mode	L/N/E	
贮存温度: Storage Temperature	- 40℃-85℃	
工作温度: Working Temperature	- 10℃-40℃	
工作时间: Service Life	10000H	

DIMENSIONS



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

注 意 事 项

CAUTIONS

1. 激光模组发射的激光有可能对眼睛造成伤害。激光模组工作时，严禁直接注视其端面，并佩戴防护眼镜。

The laser light emitted by the 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。

Laser module needs an appropriate laser driver(PCB). When the laser module connects with power supply, please set the output voltage to zero. The adjustment of the current should be slowly increased 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。

Keep the device working or storing in a dry environment. The 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。

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。

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50℃要做好散热。

When the operation temperature of the laser diode is over 50degree, 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。

This laser module is an electrostatic sensitive device. Please make sure ground yourself or wear an antistatic wrist strap before you take it.



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