XL-DZ304SURD/4

技术数据表

F3MM 红发红四孔灯座

目录

Catalogue

电性参数

亮度分档

：

代码	最小值	最大值	单位	测试条件
A4	300	400	mcd	IF=20mA
A5	400	500		
A6	500	700		
A7	700	900		
A8	900	1200		

电压分档

：

代码	最小值	最大值	单位	测试条件
N12-7	1.8	2.0	V	IF=20mA
N12-8	2.0	2.2		
N12-9	2.2	2.4		

波长分档

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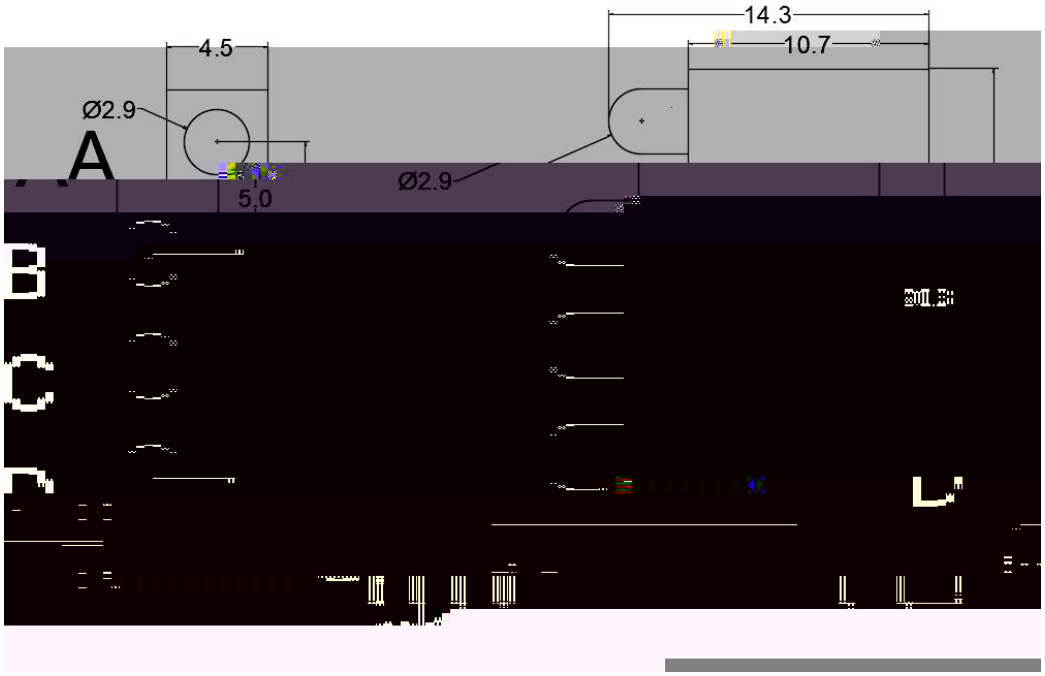
代码	最小值	最大值	单位	测试条件
HR01	615	6		

:

可靠性试验项目及条件
Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty
Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1
	High temperature and high humidity experiment	Ta= 85±5 , RH= 85 90%	1000hrs	22 PCS	0/1
	High-temperature storage	Ta= 85±5	1000hrs	22 PCS	0/1
	Low temperature storage	Ta= -40±5	1000hrs	22 PCS	0/1
Environmental testing	Cold and hot cycle	100 ±5 30mins 5mins -40 ±5 30mins	100 Circles	22 PCS	0/1
	Hot and cold impact	105 ±5 5mins -45 ±5 5mins	100 Circles	22 PCS	0/1
Mechanical Test	Resist				

外形尺寸



(Note)

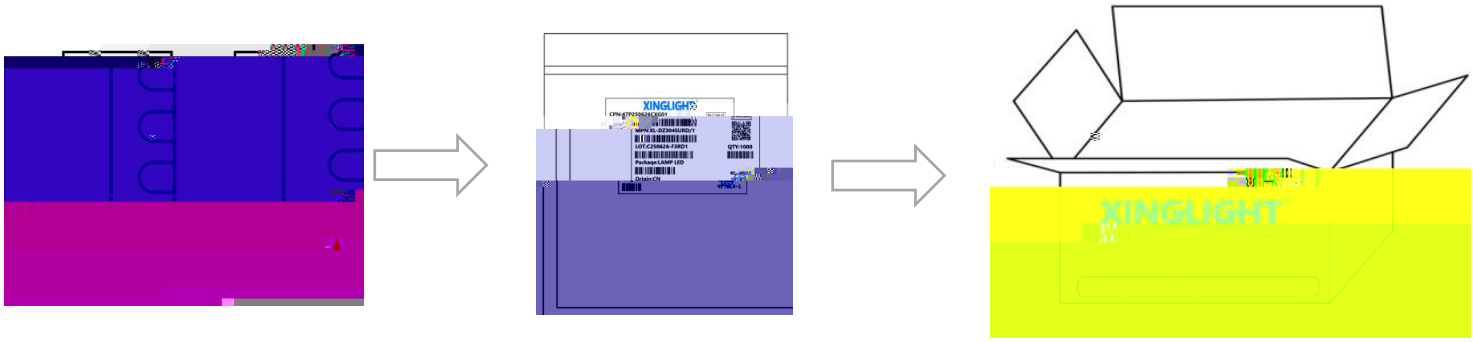
1.
Dimensions are in millimeters.

2. Ñ 0.25mm .
Tolerances unless mentioned are Ñ 0.25mm.

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag



使用注意事项（ ）

1、贮存.

*　　LED　　30　　70%　　LED

Storage environment of LED with temperature not exceeding 30　and relative humidity not exceeding 70%.It is recommended that LDE be used in the original box for no more than three months. If longer storage time is required, put it in the drying box and add desiccant or filled with nitrogen.

2、静电：

*

LED　　1　　100V

* Static electricity or surge voltage damages the LEDs. Damaged LEDs will show some unusual characteristic such as the forward voltage becomes lower, or the LEDs do not light at the low current. even not light.
All devices, equipment and machinery must be properly grounded. At the same time, it is recommended that wrist bands or anti-electrostatic gloves, anti-electrostatic containers be used when dealing with the LEDs.Using ordinary plastic products are strictly prohibited.It is recommended to use ion fans to suppress the static electricity generation during the operation.The static field voltage is less than 100V within the ambient range r 1 foot distance from the LED element.

使用注意事项（ ）

、设计建议

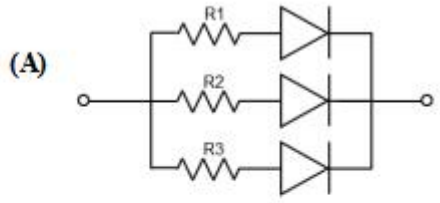
* LED

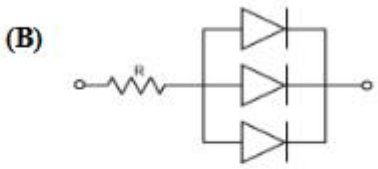
A LED B

LED V_F LED

* In designing a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In the meanwhile, resistors for protection should be applied, otherwise slight voltage shift will cause big current change, burn out may happen.

It is recommended to use Circuit A which regulates the current flowing through each LED rather than Circuit B. When driving LEDs with a constant voltage in Circuit B, the current through the LEDs may vary due to the variation in Forward Voltage (V_F) of the LEDs. In the worst case, some LED may be subjected to stresses in excess of the Absolute Maximum Rating.





* LED LED

* Thermal Design is paramount importance because heat generation may result in the Characteristics decline, such as brightness decreased, Color changed and so on. Please consider the heat generation of the LEDs when making the system design.