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亮度分档

代码	最小值	最大值	单位	测试条件
D3	120	150	mcd	IF=20mA
D4	150	180		
D5	180	210		
E7	700	800		
E8	800	900		
E9	900	1000		
F1	1000	1150		
F2	1150	1300		

±10% Brightness error±10%

电压分档

代码	最小值	最大值	单位	测试条件
N11-4	1.9	2.1	V	IF=20mA
N11-5	2.1	2.3		
N13-2	2.6	2.8		
N13-3	2.8	3.0		
N13-4	3.0	3.2		
N13-5	3.2	3.4		

±0.1V Voltage error±0.1V

波长分档:

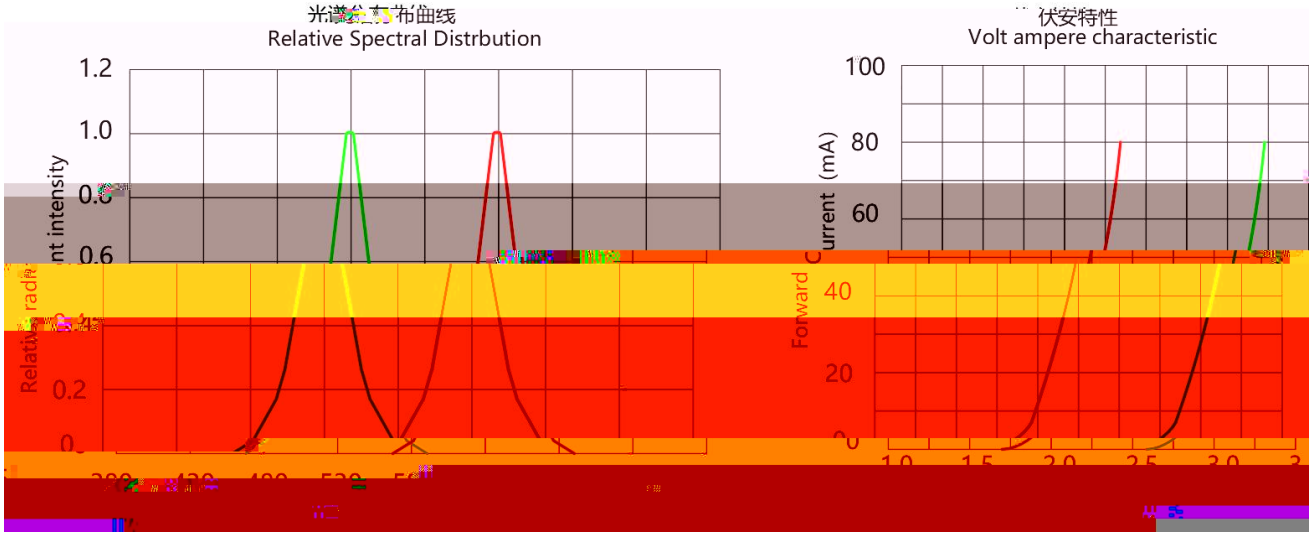
grading:

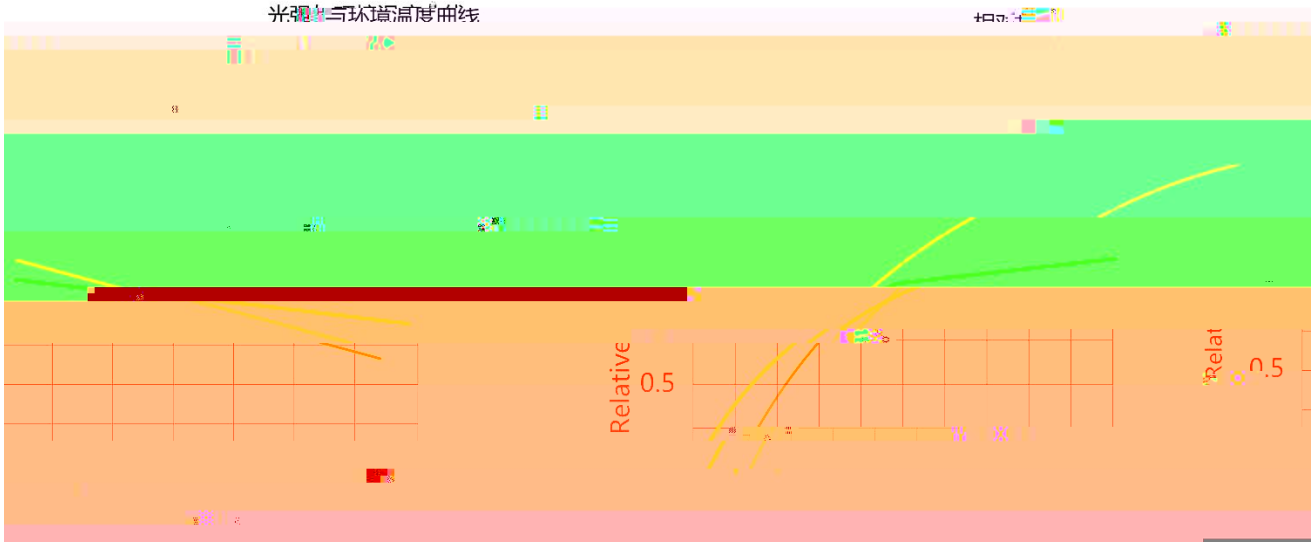
代码	最小值	最大值	单位	测试条件
HR02	620	625	nm	IF=20mA
HR03	625	630		
HG03	520	525		
HG04	525	530		
HG05	530	535		

±1nm Wavelength error±1nm

典型特性曲线

Typical Characteristics Curves





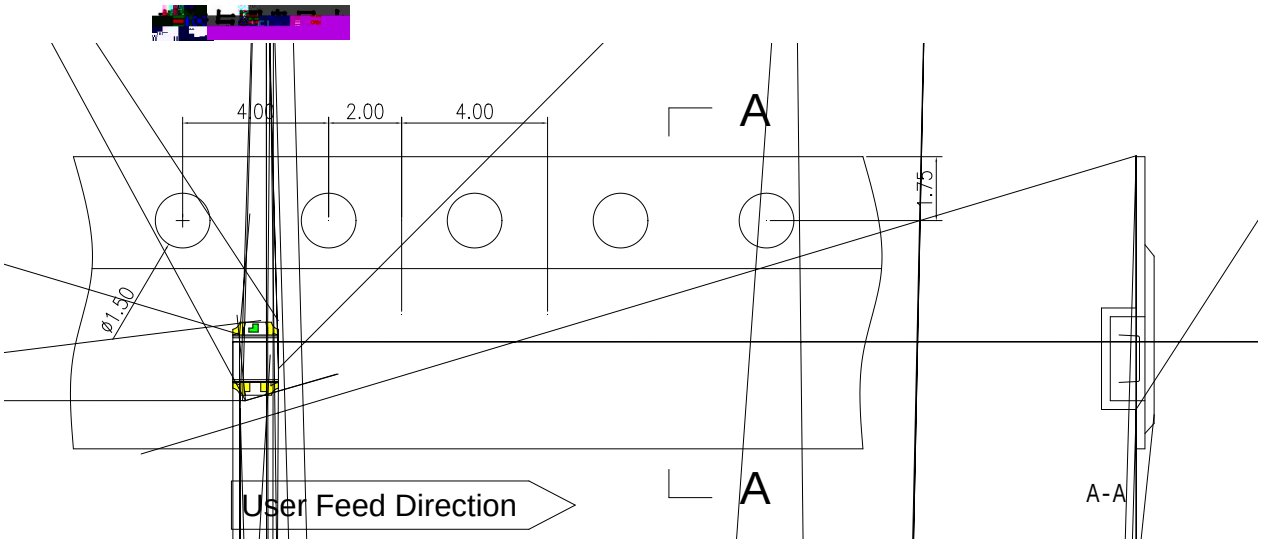
25 ± 5 /Note If not otherwise indicated the test environment temp erature is 25 ± 5

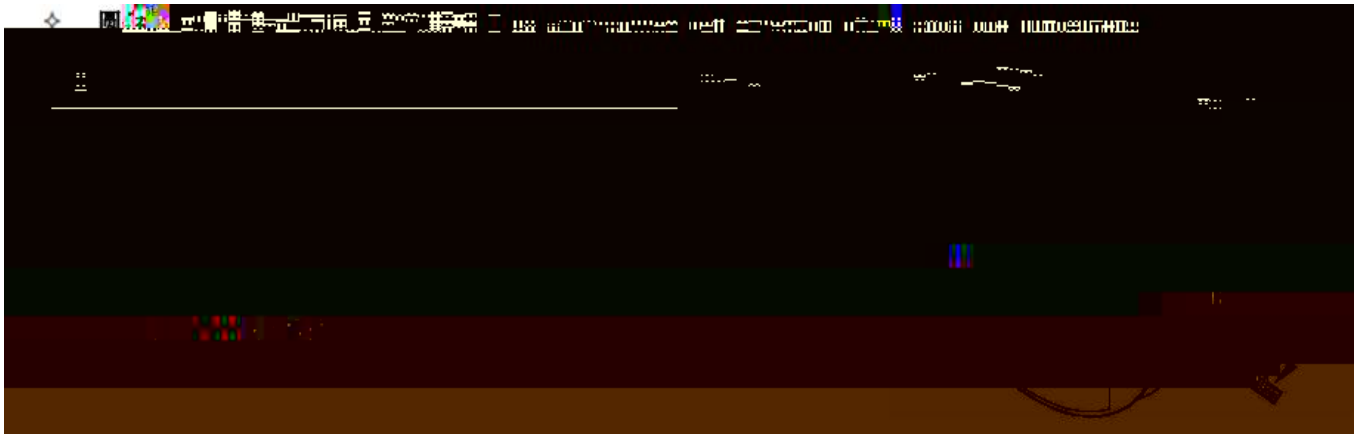
Failure criteria

standard	project	Test conditions	Failure criteria
1			
2			

包装（1）

Packaging (1)





使用注意事项（1）
utions (1)

贮存：

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Moisture proof and anti-electrostatic package with moisture absorbent material is used, to keep moisture to a minimum.

· 30 60%RH

Before opening the package, the product should be kept at 30 or less and humidity less than 60% RH, and be used within a year.

· 30 40%RH 168 7

30 60%RH

After opening the package, the product should be stored at 30 or less and humidity less than 40%RH, and be soldered within 168 hours (7 days). It is recommended that the product be operated at the workshop condition of 30 or less and humidity less than 60%RH.

· LED

60 ± 5 24

If the moisture absorbent material has fade away or the LEDs have exceeded the storage time, baking treatment should be performed based on the following condition: (60 ± 5) for 24 hours.

静电：

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.

使用注意事项（2）

Precautions (2)

设计建议