

NO. 201708022

扬州西盟光电有限公司

Yangzhou Ximeng Optoelectronics Co., Ltd.

规格书

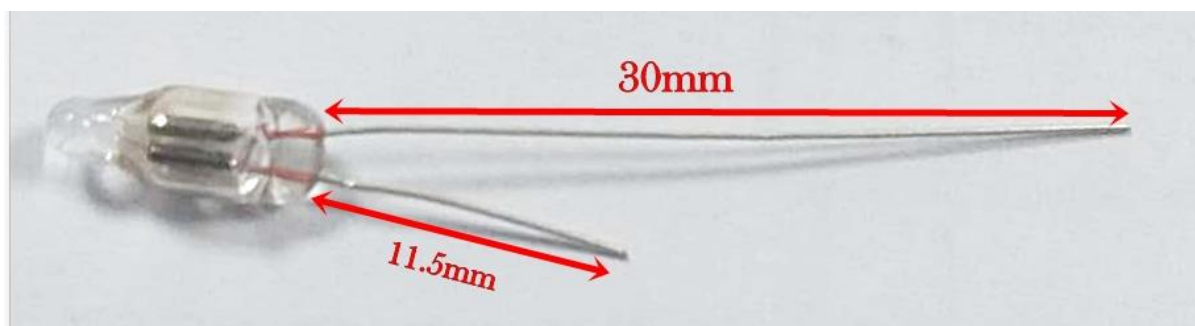
Specifications

产品名称： 氖 灯

Product Name: Neon Light

规格型号： NE- 2 4*10.5

Specifications: NE- 2 4 * 10.5



序号 Serial number	检验项目 Test items	单位 Unit	技 术 要 求 Skills Requirement	检验结果 test result	单项 评定 Single item assessment
1	外 观 Exterior		玻壳应洁净,可微黄,且无影响氖灯发光特性的缺陷,玻壳内不允许有明显散落物存在。 (The glass bulb should be clean, yellowish, and free from defects that would affect the luminous characteristics of the neon lamp. No significant scattered matter is allowed inside the glass bulb.)	符合 Meets the	合格 Qualified
			引出线表面镀层应均匀、光亮,不允许有明显发黄、发黑与玻壳交界处出现漏镀现象,且无锈蚀,并具有一定的机械强度。 (The plating on the surface of the lead-out wire should be uniform and bright, no obvious yellowing, blackening and missing plating at the junction with the glass shell are allowed, without rust, and with a certain mechanical strength)	符合 Meets the	合格 Qualified
2	外形尺寸 Dimensions 直径 diameter	mm	$\begin{matrix} 4 & 0 \\ & -0.35 \end{matrix}$	3.65~3.85	合格 Qualified
	长度 length	mm	$\begin{matrix} 10 & +0.5 \\ & -0.5 \end{matrix}$	9.8~10.2	合格 Qualified
3	发光情况 Glowing situation		在 220V 220K Ω 工作条件和日常光线下,距氖灯 0.5m 处观察氖灯发光应清晰,发光面在 95%,且集中在两电极上,不发光应在 3%以内。 Under 220V 220K Ω working conditions and daily light, the neon lamp should be clear when viewed from 0.5m away from the neon lamp.	符合 Meets the	合格 Qualified
4	发光情况 Glowing situation	V	$Ac \leq 65$	50~57	合格 Qualified
5	起辉电压 Starting voltage	mA	正常工作条件下 ≥ 1.5 Under normal working conditions ≥ 1.5	1.50~1.5 5	合格 Qualified

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6	寿命试验 Life test		<p>正常工作条件下达 25000h, 加速寿命试验, 将氖灯工作电流调至 6mA, 连续工作 10 小时, 氖灯无严重发黑, 寿终电流和亮度不低于初始的 50%</p> <p>Under normal working conditions up to 25000h, accelerated life test, adjusted the working current of the neon lamp to 6mA, continuous working for 10 hours, no serious blackening of the neon lamp, end-of-life current and brightness not less than 50% of the initial</p>	a)无明显发黑 a)No obvious blackening	合格 Qualified
				b)初始电流: b)Initial current: 1.50~1.55 寿终电流: End of life current: 1.40~1.45	合格 Qualified
				c)初始照度: c)Initial illumination: 5.5~5.8 寿终照度: End-of-life illumination: 3.8~4.1	合格 Qualified
7	湿热试验 Damp heat test		<p>受试样品经 42℃±2℃, 相对湿度为 91%--95%的恒热试验箱中 48 小时后应发光正常, 且引出线无明显锈蚀。</p> <p>The test sample should glow normally after 48 hours in a constant-temperature test box with a relative humidity of 91% -95% and a temperature of 42 °C ± 2 °C, and there should be no obvious corrosion of the lead-out wire</p>	<p>发光正常, 引出线无变化</p> <p>Normal light emission, no change in the lead-out wire</p>	合格 Qualified
8	强度试验 Strength test		<p>将受试样品灯丝作 20mm 的标记, 并将泡身和引线尾部分别固定在拉力器固定架上, 按氖灯引线方向缓慢拉不小于 20N 的力, 每次历时 1s。试验期间测量引线纵向位移, 5 次拉力后其标记移位不能超过 2mm。试验中和试验后, 引线不应损坏或断裂。</p> <p>Mark the filament of the test sample at 20mm, and fix the body and the tail of the lead on the tensioner holder respectively, and slowly pull a force of not less than 20N in the direction of the lead of the neon lamp for 1 s each time. Measure the longitudinal displacement of the lead during the test. After 5 pulls, the mark displacement should not exceed 2mm. During the test and after the test, the lead should not be damaged or broken</p>	<p>引线标志移位不超过 2mm, 试验中和试验后, 引线未出现明显损坏或断裂</p> <p>The lead mark does not shift more than 2mm. No obvious damage or breakage of the lead occurs during and after the test.</p>	合格 Qualified