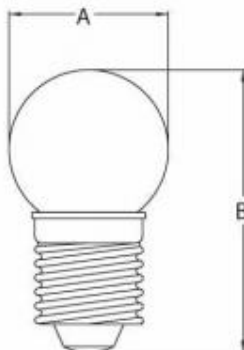




Products

Neon Lamps

CML Innovative Technologies line of Neon lamps include, standard wire terminal lamps as well as many based options. Lamps are designed for use at line voltages of 100-125 VAC or 200-250 VAC, and come with or without resistors attached to the lamp. The leads on the lamps can also be cut and formed to custom sizes upon request.



Part Number: J9A

Serial Number: S11 SC

Neon type: Indicator

Size: S11

Type: Medium Screw

Brightness: High

Design current: 5

Max breakdown VAC: 60

Max breakdown VDC: 85

Resistor value 125:

Resistor value 250: 39K 1/3 watt

Life: 5000

Dim A (inch): 1,420

Dim A (metric): 36,1

Dim B (inch): 2,25

Dim B (metric): 57,2

Dim C (inch):

Dim C (metric):

Footnotes: *Life value is to approximately 50% of initial light output. Values shown apply to use on AC unless otherwise shown. Life on DC is approximately 60% of AC values when DC current is equal to RMS AC value. When equal DC and RMS AC voltages and equal resistances are utilized, life will be approximately the same. * Resistor included in Base.

Init DC breakdown volts:

Init DC maint volts:

Breakdown volt change:

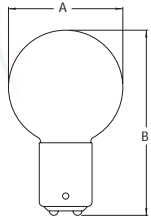
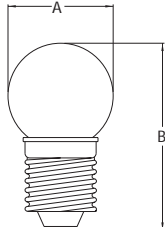
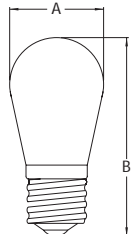
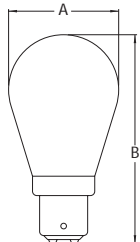
Breakdown volt hours:

Maint volt change:

Maint volt hours:

RoHS Status: No

Neon Indicator Lamps

Configuration	Part Number	Old Ref. Number	Design Current mA	Maximum Breakdown Voltage	
				VAC	VDC
G-10 D.C. Bayonet Base					
	L5A	NE -32	8.0	65	90
S-11 Medium Screw Base					
	J9A	NE -56	5.0	60	85
	J5A	NE -30	8.0	60	85
S-14 Medium Screw Base					
	R2A	NE -34	18.0	65	90
	W1A	AR -1	18.0	80	115
	R6A	NE -40	30.0	65	90
S-14 D.C. Bayonet Skirted Base					
	R9A	NE -42	30.0	65	90

Footnotes

- Life value is to approximately 50% of initial light output. Values shown apply to use on AC unless otherwise shown. Life on DC is approximately 60% of AC values when DC current is equal to RMS AC value. When equal DC and RMS AC voltages and equal resistances are utilized, life will be approximately the same.
- For DC operation of high brightness lamps use a minimum of 150 circuit volts. Maximum initial breakdown voltage 95 VAC, 135 VDC in light.
- Tinned leads.
- High brightness.
- Formed tip.
- Dark effect reduced.
- Lamp drops through a Ø.310" cylinder of .500" minimum length.

Series Resistor				Average Useful Life	Dimensions inches			Footnotes
100-125V		220-250V			A(Max.)	B(Max.)	C(Min.)	
Ohms	W	Ohms	W					
G-10 D.C. Bayonet Base								
7.5K	1/4	25K	1/3	10,000	1.29	2.13	-	1,12
S-11 Medium Screw Base								
-	-	39K	1/3	5,000	1.42	2.25	-	1,11
7.5K	1/4	-	-	10,000	1.42	2.25	-	1,11
S-14 Medium Screw Base								
3.5K	1/4	-	-	10,000	1.80	3.50	-	1,11
3.5K	1/4	-	-	1,000	1.80	3.50	-	1,11,14
2.5K	1/4	-	-	10,000	1.80	3.50	-	1,11
S-14 D.C. Bayonet Skirted Base								
2.2K	1/4	7.5K	1/3	10,000	1.80	3.98	-	1,12

8. Life values shown apply to use on AC unless otherwise shown. End of life occurs when breakdown voltage increases to line voltage and lamp will no longer start. With equal DC and RMS AC current, life will be somewhat

lower than the 60% value quoted for standard brightness lamp.
 9. Maximum breakdown voltage in total darkness 100VAC.
 10. Minimum current for stable operation 1.5mA.

11. Resistor included in Base.
 12. Caution: Bulb may shatter and/or circuit may be damaged without external series resistance.
 13. Green fluorescent.
 14. Argon gas filled.