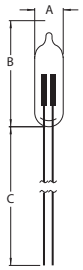
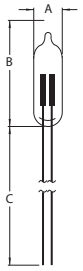
147 Central Avenue
Hackensack, New Jersey 07601
Tel: 201-489-8989 • Fax: 201-489-6911

CHICAGO MINIATURE LAMP, INC.
WHERE INNOVATION COMES TO LIGHT

Neon Indicator Lamps

Configuration	Part Number	Old Ref. Number	Design Current mA	Maximum Breakdown Voltage	
				VAC	VDC
Wire Terminal-Standard Brightness					
	2ML	NE-38S	0.3	65	90
	A1A	NE-2	0.6	65	90
	A1A-T	NE-2T	0.6	65	90
	A1B		0.3	65	90
	A1D		0.3	65	90
	A1D-T		0.3	65	90
	K4A	AR-9	0.3	80	115
	A2B	NE-2V	0.7	65	90
	A2B-T	NE-2VT	0.7	65	90
	A9A	NE-2E	0.7	65	90
	A9A-T	NE-2ET	0.7	65	90
	A9A-C	NE-2E1	0.7	65	90
	A9A-CT	NE-2E1T	0.7	65	90
Wire Terminal-High Brightness					
	1MH	NE-38	1.2	95	135
	A1C		1.2	95	135
	A1C-T		1.2	95	135
	G2B-1		1.2	95	135
	G2B-2		1.4	95	135
	A3C	NE-2U	1.9	95	135
	A3C-T	NE-2UT	1.9	95	135
	C2A	NE-2H	1.9	95	135
	C2A-T	NE-2HT	1.9	95	135
	C2A-C	NE-2H1	1.9	95	135
	D2A		2.6	95	135

Footnotes

1. 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.
2. For DC operation of high brightness lamps use a minimum of 150 circuit volts. Maximum initial breakdown voltage 95 VAC, 135 VDC in light.
3. Tinned leads.
4. High brightness.
5. Formed tip.
6. Dark effect reduced.
7. Lamp drops through a Ø.310" cylinder of .500" minimum length.

Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product

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Series Resistor				Average Useful Life	Dimensions inches			Footnotes
100-125V		220-250V						
Ohms	W	Ohms	W		A(Max.)	B(Max.)	C(Min.)	
Wire Terminal-Standard Brightness								
100K	1/4	220K	1/3	12,000	.156	.395	1.00	1,5
100K	1/4	540K	1/3	25,000	.244	1.00	1.00	1,5
100K	1/4	540K	1/3	25,000	.244	1.00	1.00	1,3,5
220K	1/4	540K	1/3	25,000	.244	.500	1.00	1,5
220K	1/4	540K	1/3	25,000	.244	.500	1.00	1,5,6
220K	1/4	540K	1/3	25,000	.244	.500	1.00	1,3,5,6
220K	1/4	540K	1/3	50	.244	.980	1.00	14
100K	1/4	220K	1/3	25,000	.244	.750	2.00	1,5,6
100K	1/4	220K	1/3	25,000	.244	.750	2.00	1,3,5,6
100K	1/4	220K	1/3	25,000	.244	.750	2.00	1,5
100K	1/4	220K	1/3	25,000	.244	.750	2.00	1,3,5
100K	1/4	220K	1/3	25,000	.244	.750	1.00	1,5
100K	1/4	220K	1/3	25,000	.244	.750	1.00	1,3,5
Wire Terminal-High Brightness								
47K	1/4	150K	1/3	12,000	.156	.395	1.00	1,4,5
47K	1/4	150K	1/3	25,000	.244	.500	1.00	2,4,5,6,8
47K	1/4	150K	1/3	25,000	.244	.500	1.00	2,3,4,5,6,8
47K	1/4	150K	1/3	15,000	.244	.500	1.00	1,4,5,13
39K	1/4	120K	1/3	15,000	.244	.750	1.00	1,4,5,13
30K	1/4	100K	1/3	25,000	.244	.750	2.00	2,4,5,6,8,9
30K	1/4	100K	1/3	25,000	.244	.750	2.00	2,3,4,5,6,8,9
30K	1/4	100K	1/3	25,000	.244	.750	2.00	2,4,5,6,8
30K	1/4	100K	1/3	25,000	.244	.750	2.00	2,3,4,5,6,8
30K	1/4	100K	1/3	25,000	.244	.750	1.00	2,4,5,6,8
22K	1/4	68K	1/3	25,000	.244	.980	1.00	2,4,5,6,8,10

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.

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