

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 Circuit Component Lamps**

| Configuration | Part Number | Old Ref. Number | Design Current mA | Initial DC Breakdown Voltage | Initial DC Maintaining Voltage |
|---------------|-------------|-----------------|-------------------|------------------------------|--------------------------------|
| Wire Terminal |             |                 |                   |                              |                                |
|               | 2AA         | NE -99          | 0.30              | 60-80                        | 52-62                          |
|               | 2AC         |                 | 1.50              | 125 Max.                     | -                              |
|               | 3AD         | NE -98          | 0.30              | 65-80                        | Avg.>50                        |
|               | 3AG         |                 | 0.40              | 60-90                        | Avg.>58                        |
|               | 3AG-B       |                 | 0.40              | 65-73                        | 52-62                          |
|               | 3AG-C       |                 | 0.40              | 68-76                        | 52-62                          |
|               | 3AG-F       |                 | 0.40              | 65-73                        | 64 Max.                        |
|               | 3AH         |                 | 2.00              | 75-135                       | Avg.70                         |
|               | 3AJ         |                 | 5.00              | 60-100                       | Avg.>59                        |
|               | 3AJ-C       |                 | 5.00              | 60-100                       | Avg.>59                        |
|               | 4AD         |                 | 0.50              | 105-135                      | 60-80                          |
|               | 4AE         |                 | 0.50              | 120-150                      | 60-80                          |
|               | 5AB         | NE -23          | 0.30              | 60-90                        | Avg.59                         |
|               | 5AB-A       |                 | 0.30              | 60-80                        | 50-65                          |
|               | 5AB-B       |                 | 0.30              | 62-72                        | 50-60                          |
|               | 5AB-BT      |                 | 0.30              | 62-72                        | 50-60                          |
|               | 5AB-T       |                 | 0.30              | 60-90                        | Avg.59                         |
|               | 5AC         | NE -68          | 0.30              | 60-90                        | 52-65                          |
|               | 5AG         | NE -81          | 0.10              | 64-80                        | 50-58                          |
|               | 5AG-A       | NE -76          | 0.40              | 68-76                        | 50-60                          |
|               | 5AH         | NE -83          | 5.00              | 60-100                       | Avg.>59                        |
|               | 5AH-A       |                 | 5.00              | 60-85                        | 50-65                          |
|               | 5AH-B       |                 | 5.00              | 75-85                        | 55-66                          |
|               | 5AH-D       |                 | 3.00              | 60-85                        | 50-70                          |
|               | 5AH-E       |                 | 5.00              | 60-100                       | Avg.>61                        |
|               | 5AJ         | NE -86          | 1.50              | 55-90                        | Avg.>57                        |
|               | 5AJ-A       |                 | 1.50              | 55-75                        | 45-65                          |
|               | 5AJ-B       |                 | 1.50              | 70-90                        | 55-75                          |

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

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| Average Life to Indicate Change   |        |                  |       | Dimensions |          |          |
|-----------------------------------|--------|------------------|-------|------------|----------|----------|
| Breakdown Voltage                 |        | Maintain Voltage |       | inches     |          |          |
| Chg.                              | Hrs.   | Chg.             | Hrs.  | A (Max.)   | B (Max.) | C (Min.) |
| Wire Terminal-Standard Brightness |        |                  |       |            |          |          |
| -                                 | -      | 6.0              | 7,500 | .244       | .500     | 1.00     |
| -                                 | 25,000 | -                | -     | .244       | .500     | 1.00     |
| 5.0                               | 6,000  | 5.0              | 6,000 | .244       | .750     | 2.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .750     | 2.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .750     | 2.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .750     | 2.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .750     | 1.00     |
| 10.0                              | 2,000  | 10.0             | 2,000 | .244       | .750     | 2.00     |
| 5.0                               | 500    | 5.0              | 500   | .244       | .750     | 1.00     |
| 5.0                               | 500    | 5.0              | 500   | .244       | .750     | 2.00     |
| 10.0                              | 3,000  | 10.0             | 3,000 | .244       | .844     | 1.00     |
| 10.0                              | 3,000  | 10.0             | 3,000 | .244       | .844     | 1.00     |
| 5.0                               | 6,000  | 5.0              | 6,000 | .244       | 1.000    | 1.00     |
| 5.0                               | 6,000  | 5.0              | 6,000 | .244       | 1.000    | 1.00     |
| 5.0                               | 6,000  | 5.0              | 6,000 | .244       | 1.000    | 1.00     |
| 5.0                               | 6,000  | 5.0              | 6,000 | .244       | 1.000    | 1.00     |
| 5.0                               | 6,000  | 5.0              | 6,000 | .244       | 1.000    | 1.00     |
| -                                 | -      | 5.0              | 2,000 | .244       | 1.000    | 1.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | 1.000    | 1.00     |
| -                                 | 1,000  | 5.0              | 2,000 | .244       | 1.000    | 1.00     |
| 5.0                               | 5,000  | 5.0              | 5,000 | .244       | .938     | 1.00     |
| 5.0                               | 5,000  | 5.0              | 5,000 | .244       | .938     | 1.00     |
| 5.0                               | 5,000  | 5.0              | 5,000 | .244       | .938     | 1.00     |
| 5.0                               | 5,000  | 5.0              | 5,000 | .244       | .938     | 1.00     |
| 5.0                               | 5,000  | 5.0              | 5,000 | .244       | .938     | 2.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .938     | 1.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .938     | 1.00     |
| 5.0                               | 2,000  | 5.0              | 2,000 | .244       | .938     | 1.00     |

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