



formerly Chicago Miniature Lamp and SLI Miniature Lighting



FIG. 21

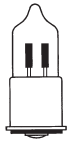


FIG. 22



FIG. 2

NEON LAMPS

| Cat. No. | Design Current mA | Recommended Series Resistor For 100 to 125 Volts | | Fig. | Lamp Size | Net Price |
|----------------------|-------------------|--|-------|------|-----------|----------------|
| | | Ohms | Watts | | | |
| B6A(NE-21) | 2.00 | 30K | ¼ | 2 | T-4½ | \$10.13 |
| 2ML(NE-38S) | 0.30 | 100K | ¼ | 21 | T-1¼ | 1.37 |
| A1A(NE-2) | 0.70 | 100K | ¼ | 21 | T-2 | .62 |
| A1B | 0.30 | 220K | ¼ | 21 | T-2 | .56 |
| A1C | 1.20 | 47K | ¼ | 21 | T-2 | .62 |
| A2A | 0.70 | 100K | ¼ | 21 | T-2 | .62 |
| A2B(NE-2V) | 0.70 | 100K | ¼ | 21 | T-2 | .75 |
| A9A(NE-2E) | 0.70 | 100K | ¼ | 21 | T-2 | .56 |
| C2A(NE-2H) | 1.90 | 30K | ¼ | 21 | T-2 | .56 |
| C2A-T(NE-2HT) | 1.90 | 30K | ¼ | 21 | T-2 | .75 |
| A1G | 0.30 | 220K | ¼ | 22 | T-1¼ | 4.68 |
| A1H | 1.20 | 47K | ¼ | 22 | T-1¼ | 4.46 |
| C7A(NE-2D) | 0.70 | 100K | ¼ | 22 | T-1¼ | 3.93 |
| C9A(NE-2J) | 1.90 | 30K | ¼ | 22 | T-1¼ | 3.68 |

*For 220-250 Volts
**Built-in 47K resistor



FIG. 24

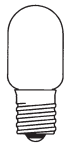


FIG. 25



FIG. 26

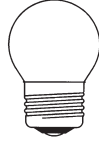


FIG. 27

NEON LAMPS

| Cat. No. | Design Current mA | Recommended Series Resistor For 100 to 125 Volts | | Fig. | Lamp Size | Net Price |
|-------------------------|-------------------|--|-------|------|-----------|---------------|
| | | Ohms | Watts | | | |
| B1A(NE-51) | 0.30 | 220K | ¼ | 24 | T-3¼ | \$1.53 |
| B2A(NE-51H) | 1.20 | 47K | ¼ | 24 | T-3¼ | 1.84 |
| B2A-R(NE-51HR)** | 1.20 | — | — | 24 | T-3¼ | 1.84 |
| B7A(NE-45) | 2.00 | 30K | ¼ | 25 | T-4½ | 4.62 |
| B5A(NE-17) | 2.00 | 30K | ¼ | 26 | T-4½ | 10.15 |
| B9A(NE-48) | 2.00 | 30K | ¼ | 26 | T-4½ | 4.15 |
| J5A(NE-30) | 8.00 | 7.5K | ¼ | 27 | S-11 | 18.24 |
| J9A(NE-56)* | 5.00 | 39K | ½ | 27 | S-11 | 13.22 |

*For 220-250 Volts
**Built-in 47K resistor



FIG. 1



FIG. 2

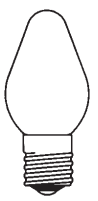


FIG. 4

ELECTRICAL INDUSTRY LAMPS

| Cat. No. | Design | | Average Life Hours | Fig. | Net Price |
|-------------------|--------|-------|--------------------|------|---------------|
| | Volts | Watts | | | |
| 3S6-120V | 120 | 3.0 | 3,000 | 1 | \$2.39 |
| 6S6-120V | 120 | 6.0 | 1,500 | 1 | 1.65 |
| 6S6-130V | 130 | 6.0 | 1,500 | 1 | 1.65 |
| 6S6-145V | 145 | 6.0 | 1,500 | 1 | 1.33 |
| 6S6-155V | 155 | 6.0 | 1,500 | 1 | 1.65 |
| 6S6-30V | 30 | 6.0 | 1,500 | 1 | 1.65 |
| 10S6DC-230 | 230 | 10.0 | 1,500 | 2 | 3.52 |
| 6S6DC-120V | 120 | 6.0 | 1,500 | 2 | 1.84 |
| 6S6DC-130V | 130 | 6.0 | 1,500 | 2 | 4.86 |
| 10C7-120V | 120 | 10.0 | 1,500 | 4 | 3.05 |
| 7C7-120V | 120 | 7.0 | 3,000 | 4 | 1.00 |
| 6S6-24V | 24 | 6.0 | 1,500 | 1 | 1.65 |
| 10S6C-120V | 120 | 10.0 | 1,500 | 1 | 3.04 |



FIG. 1



FIG. 2



FIG. 3

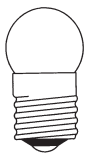


FIG. 4

INCANDESCENT LAMPS

| Cat. No. | Design | | Average Life Hours | Fig. | Lamp Size | Net Price |
|-----------------|--------|-------|--------------------|------|-----------|---------------|
| | V | Amps | | | | |
| PR2 | 2.38 | 0.500 | 15 | 1 | B-3½ | \$1.00 |
| PR3 | 3.57 | 0.500 | 15 | 1 | B-3½ | .90 |
| PR4 | 2.33 | 0.270 | 10 | 1 | B-3½ | 1.03 |
| PR6 | 2.47 | 0.300 | 30 | 1 | B-3½ | 1.00 |
| PR7 | 3.70 | 0.300 | 30 | 1 | B-3½ | 1.00 |
| 1893 | 14.00 | 0.330 | 7500 | 2 | T-3¼ | .90 |
| 43 | 2.50 | 0.500 | 3000 | 2 | T-3¼ | 1.40 |
| 1892 | 14.40 | 0.120 | 1000 | 2 | T-3¼ | 1.28 |
| 1891 | 14.00 | 0.240 | 500 | 2 | T-3¼ | 1.37 |
| 313 | 28.00 | 0.170 | 500 | 2 | T-3¼ | 1.40 |
| 755 | 6.30 | 0.150 | 20000 | 2 | T-3¼ | 1.42 |
| 44 | 6.30 | 0.250 | 30000 | 2 | T-3¼ | .75 |
| 47 | 6.30 | 0.150 | 3000 | 2 | T-3¼ | .97 |
| 756 | 14.00 | 0.080 | 15000 | 2 | T-3¼ | .69 |
| 757 | 28.00 | 0.080 | 7500 | 2 | T-3¼ | .55 |
| 8-3995 | 130.00 | 0.020 | 2000 | 2 | T-3¼ | 1.75 |
| 1866 | 6.30 | 0.250 | 5000 | 2 | T-3¼ | 1.15 |
| 1864 | 28.00 | 0.170 | 1500 | 2 | T-3¼ | 1.34 |
| 1819-100 | 28.00 | 0.040 | 2500 | 2 | T-3¼ | .78 |
| 1816 | 13.00 | 0.330 | 1000 | 2 | T-3¼ | 1.09 |
| 1813 | 14.40 | 0.100 | 1000 | 2 | T-3¼ | 1.05 |
| 1815 | 14.00 | 0.200 | 3000 | 2 | T-3¼ | 1.50 |
| 1847 | 6.30 | 0.150 | 5000 | 2 | T-3¼ | 1.43 |
| 1818 | 24.00 | 0.170 | 250 | 2 | T-3¼ | 3.34 |
| 1850 | 5.00 | 0.090 | 1500 | 2 | T-3¼ | 1.09 |
| 1822 | 36.00 | 0.100 | 1000 | 2 | T-3¼ | 1.46 |
| 1820 | 28.00 | 0.100 | 1000 | 2 | T-3¼ | .76 |
| 1828 | 37.50 | 0.050 | 3000 | 2 | T-3¼ | 3.21 |
| 1829 | 28.00 | 0.070 | 1000 | 2 | T-3¼ | 1.12 |
| 1835 | 55.00 | 0.050 | 5000 | 2 | T-3¼ | 2.23 |
| 1495 | 28.00 | 0.300 | 500 | 2 | T-4½ | 2.15 |
| 1434 | 3.70 | 2.750 | 100 | 2 | T-5 | 12.56 |
| 12 | 6.30 | 0.150 | 5000 | 3 | G-3½ | 1.30 |
| 19 | 14.40 | 0.100 | 1000 | 3 | G-3½ | 1.47 |
| 13 | 3.70 | 0.300 | 15 | 4 | G-3½ | 1.18 |
| 50 | 7.50 | 0.220 | 1000 | 4 | G-3½ | 1.62 |
| 509K | 24.00 | 0.180 | 1000 | 4 | G-6 | 2.59 |

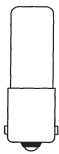


FIG. 5

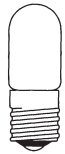


FIG. 6

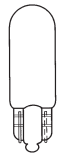


FIG. 7



FIG. 8

INCANDESCENT LAMPS

| Cat. No. | Design | | Average Life Hours | Fig. | Lamp Size | Net Price |
|--------------|--------|-------|--------------------|------|-----------|---------------|
| | V | Amps | | | | |
| 8-967 | 120.00 | 0.025 | 5000 | 5 | T-2 | \$6.02 |
| 120MB | 120.00 | 0.025 | 5000 | 5 | T-2 | 1.78 |
| 28MB | 28.00 | 0.040 | 5000 | 5 | T-2 | 2.15 |
| 60MB | 60.00 | 0.050 | 7500 | 5 | T-2 | 1.53 |
| 24MB | 24.00 | 0.073 | 10000 | 5 | T-2 | 2.18 |
| 8362 | 14.00 | 0.080 | 15000 | 6 | T-1¼ | 1.75 |
| 335 | 28.00 | 0.040 | 4000 | 6 | T-1¼ | 1.50 |
| 399 | 28.00 | 0.040 | 7000 | 6 | T-1¼ | 1.06 |
| 1821 | 28.00 | 0.170 | 500 | 6 | T-3¼ | 3.40 |
| 1769 | 2.50 | 0.200 | 500 | 6 | T-1¼ | 1.68 |
| 40 | 6.30 | 0.150 | 3000 | 6 | T-3¼ | .84 |
| 1823 | 48.00 | 0.100 | 1000 | 6 | T-3¼ | 1.09 |
| 86 | 6.30 | 0.200 | 20000 | 7 | T-1¼ | 1.12 |
| 85 | 28.00 | 0.040 | 7000 | 7 | T-1¼ | .97 |
| 73 | 14.00 | 0.080 | 15000 | 7 | T-1¼ | .94 |
| 161 | 14.00 | 0.190 | 1500 | 8 | T-3¼ | 1.09 |
| 656 | 28.00 | 0.060 | 2500 | 8 | T-3¼ | 1.06 |
| 259 | 6.30 | 0.250 | 5000 | 8 | T-3¼ | .78 |
| 194 | 14.00 | 0.270 | 1500 | 8 | T-3¼ | .75 |

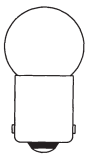


FIG. 9

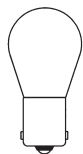


FIG. 10



FIG. 11

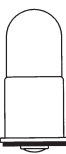


FIG. 12

INCANDESCENT LAMPS

| Cat. No. | Design | | Average Life Hours | Fig. | Lamp Size | Net Price |
|-------------|--------|-------|--------------------|------|-----------|---------------|
| | V | Amps | | | | |
| 53 | 14.40 | 0.120 | 1000 | 9 | G-3½ | \$1.25 |
| 51 | 7.50 | 0.220 | 1000 | 9 | G-3½ | .87 |
| 356 | 28.00 | 0.170 | 500 | 9 | G-3½ | 1.22 |
| 1450 | 24.00 | 0.035 | 3000 | 9 | G-3½ | 1.84 |
| 55 | 7.00 | 0.410 | 500 | 9 | G-4½ | .78 |
| 1895 | 14.00 | 0.270 | 1500 | 9 | G-4½ | .75 |
| 82 | 6.50 | 1.020 | 500 | 9 | G-6D.C. | 3.72 |
| 1251 | 28.00 | 0.230 | 2000 | 9 | G-6 | 3.27 |
| 307 | 28.00 | 0.660 | 300 | 10 | S-8 | 1.03 |
| 93 | 12.80 | 1.040 | 500 | 10 | S-8 | 1.50 |
| 2233 | 28.00 | 0.770 | 2000 | 10 | S-8 | 6.80 |
| 2232 | 28.00 | 0.643 | 2000 | 10 | S-8 | 6.17 |
| 1156 | 12.80 | 2.100 | 600 | 10 | S-8 | 1.00 |
| 3011 | 28.00 | 1.290 | 1000 | 10 | S-11 | 7.08 |
| 222 | 2.25 | 0.250 | 5 | 11 | GTL-3 | 1.15 |
| 385 | 28.00 | 0.040 | 10000 | 12 | T-1¼ | 1.50 |
| 387 | 28.00 | 0.040 | 7000 | 12 | T-1¼ | .87 |
| 394 | 12.00 | 0.040 | 10000 | 12 | T-1¼ | 1.56 |
| 381 | 6.30 | 0.200 | 20000 | 12 | T-1¼ | 1.22 |
| 7333 | 5.00 | 0.060 | 25000 | 12 | T-1¼ | 1.81 |
| 7335 | 5.00 | 0.115 | 40000 | 12 | T-1¼ | 1.81 |
| 7341 | 28.00 | 0.065 | 5000 | 12 | T-1¼ | 1.12 |
| 8918 | 14.00 | 0.100 | 10000 | 12 | T-1¼ | 1.62 |

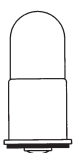


FIG. 13

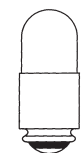


FIG. 14



FIG. 15



FIG. 16



FIG. 16



FIG. 17



FIG. 18

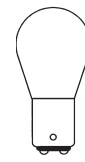


FIG. 19

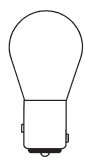


FIG. 20

INCANDESCENT LAMPS

| Cat. No. | Design | | Average Life Hours | Fig. | Lamp Size | Net Price |
|----------------|--------|-------|--------------------|------|-----------|---------------|
| | V | Amps | | | | |
| 382 | 14.00 | 0.080 | 15000 | 12 | T-1¼ | \$1.50 |
| 328 | 6.00 | 0.200 | 1000 | 12 | T-1¼ | .94 |
| 370 | 18.00 | 0.040 | 10000 | 12 | T-1¼ | 1.12 |
| 338 | 2.70 | 0.060 | 6000 | 12 | T-1¼ | 1.15 |
| 367 | 10.00 | 0.040 | 5000 | 12 | T-1¼ | 1.00 |
| 349 | 6.30 | 0.200 | 5000 | 12 | T-1¼ | 1.03 |
| 345 | 6.00 | 0.040 | 10000 | 12 | T-1¼ | 1.03 |
| 376 | 28.00 | 0.060 | 25000 | 12 | T-1¼ | 1.22 |
| 330 | 14.00 | 0.080 | 1500 | 12 | T-1¼ | 1.00 |
| 327 | 28.00 | 0.040 | 4000 | 12 | T-1¼ | .78 |
| 3150 | 5.00 | 0.060 | 5000 | 12 | T-1¼ | 1.22 |
| 388 | 28.00 | 0.040 | 7000 | 13 | T-1¼ | 1.03 |
| 398 | 6.30 | 0.200 | 5000 | 13 | T-1¼ | 1.56 |
| 334 | 28.00 | 0.040 | 4000 | 13 | T-1¼ | 1.46 |
| 386 | 14.00 | 0.080 | 15000 | 13 | T-1¼ | 1.68 |
| 336 | 14.00 | 0.080 | 1500 | 13 | T-1¼ | 1.00 |
| 8-374 | 2.50 | 0.350 | 3000 | 14 | TL-1¼ | 1.25 |
| 7153 | 5.00 | 0.115 | 40000 | 15 | T-¾ | 2.44 |
| 6833 | 5.00 | 0.060 | 25000 | 15 | T-¾ | 2.25 |
| 7219 | 12.00 | 0.060 | 10000 | 15 | T-1 | .66 |
| 715AS15 | 5.00 | 0.115 | 40000 | 15 | T-1 | 1.81 |
| 7152 | 5.00 | 0.115 | 40000 | 15 | T-1 | 1.87 |
| 715 | 5.00 | 0.115 | 40000 | 15 | T-1 | 1.81 |
| 683 | 5.00 | 0.060 | 25000 | 15 | T-1 | 1.65 |
| 680 | 5.00 | 0.060 | 6000 | 15 | T-1 | 1.68 |
| 6838 | 28.00 | 0.024 | 4000 | 15 | T-1 | 2.81 |
| 718 | 5.00 | 0.115 | 40000 | 15 | T-1 | 3.09 |
| 682 | 5.00 | 0.060 | 60000 | 16 | T-1 | 2.96 |
| 685 | 5.00 | 0.060 | 25000 | 16 | T-1 | 2.68 |
| 6839 | 28.00 | 0.024 | 4000 | 16 | T-1 | 2.87 |
| 7839 | 28.00 | 0.024 | 4000 | 17 | T-1 | 3.09 |
| 7680 | 5.00 | 0.060 | 60000 | 17 | T-1 | 2.90 |
| 7683 | 5.00 | 0.060 | 25000 | 17 | T-1 | 3.40 |
| 8-2402 | 28.00 | 0.024 | 4000 | 17 | T-1 | 2.09 |
| 7265 | 5.00 | 0.060 | 5000 | 17 | T-1 | 1.25 |
| 7715 | 5.00 | 0.115 | 40000 | 17 | T-1 | 2.81 |
| 7632 | 28.00 | 0.040 | 1000 | 17 | T-1¼ | 3.43 |
| 7646 | 14.00 | 0.080 | 1000 | 17 | T-1¼ | 3.52 |
| 7876 | 28.00 | 0.060 | 25000 | 17 | T-1¼ | 1.15 |
| 7328 | 6.00 | 0.200 | 1000 | 17 | T-1¼ | 1.81 |
| 7387 | 28.00 | 0.040 | 7000 | 17 | T-1¼ | 1.46 |
| 7361 | 5.00 | 0.060 | 25000 | 17 | T-1¼ | 1.50 |
| 7377 | 6.30 | 0.075 | 1000 | 17 | T-1¼ | 2.25 |
| 7374 | 28.00 | 0.040 | 10000 | 17 | T-1¼ | 1.87 |
| 7373 | 14.00 | 0.100 | 10000 | 17 | T-1¼ | 1.65 |
| 7371 | 12.00 | 0.040 | 10000 | 17 | T-1¼ | 1.68 |
| 7382 | 14.00 | 0.080 | 15000 | 17 | T-1¼ | 1.78 |
| 7327 | 28.00 | 0.040 | 4000 | 17 | T-1¼ | 1.81 |
| 7381 | 6.30 | 0.200 | 20000 | 17 | T-1¼ | 1.19 |
| 10ESB | 10.00 | 0.035 | 1000 | 18 | T-2 | 1.53 |
| 12ESB | 12.00 | 0.040 | 7500 | 18 | T-2 | 1.90 |
| 16ESB | 16.00 | 0.040 | 7500 | 18 | T-2 | 1.40 |
| 18ESB | 18.00 | 0.040 | 5000 | 18 | T-2 | 1.50 |
| 24ESB | 24.00 | 0.040 | 8000 | 18 | T-2 | 2.00 |
| 28ESB | 28.00 | 0.040 | 6000 | 18 | T-2 | 1.90 |
| 48ESB | 48.00 | 0.040 | 5000 | 18 | T-2 | 1.62 |
| 6PSB | 6.00 | 0.140 | 20000 | 18 | T-2 | 1.49 |
| 12PSB | 12.00 | 0.170 | 12000 | 18 | T-2 | 1.81 |
| 24PSB | 24.00 | 0.073 | 10000 | 18 | T-2 | 1.28 |
| 28PSB | 28.00 | 0.040 | 5000 | 18 | T-2 | 1.37 |
| 48PSB | 48.00 | 0.053 | 10000 | 18 | T-2 | 1.93 |
| 60PSB | 60.00 | 0.050 | 7500 | 18 | T-2 | 1.93 |
| 120PSB | 120.00 | 0.025 | 5000 | 18 | T-2 | 1.78 |
| 1493 | 6.50 | 2.750 | 100 | 19 | S-8 | 5.55 |
| 88 | 6.80 | 1.910 | 300 | 19 | S-8 | 2.71 |
| 94 | 12.80 | 1.040 | 500 | 19 | S-8 | .72 |
| 895 | 40.00 | 0.530 | 3800 | 19 | S-8 | 10.35 |
| 1157 | 12.80 | 2.100 | 600 | 20 | S-8 | .84 |