



formerly Chicago Miniature Lamp and SLI Miniature Lighting



FIG. 21

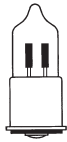


FIG. 22



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

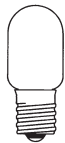


FIG. 25



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

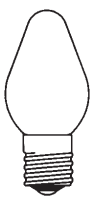


FIG. 4

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

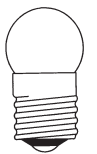


FIG. 4

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



45cm of 12 AWG red wire.

Cat. No.	Net Price
55-820-0	\$1.15



For 3AG fuses 19cm red 18AWG wire.

Cat. No.	Net Price Per 100
55-821-0	\$41.67



LED REPLACEMENT LAMPS

These LED lamps are suitable long life replacements for TS-1/4 screw or bayonet base lamps. The bottom contact is the anode (+) and the bayonet or screw sleeve is the cathode. With internal resistor for the specified voltage. If = 20mA.

Cat. No.	Colour	Volts	Max. Volts	MCD	Net Price
BAYONET BASE					
55-110B-0	Blue	6VDC	7VDC	2800	\$2.50
55-110G-0	Green	6VDC	7VDC	1300	2.50
55-110R-0	Red	6VDC	7VDC	2000	2.50
55-110Y-0	Yellow	6VDC	7VDC	2000	2.50
55-110W-0	White	6VDC	7VDC	2000	2.50
55-111B-0	Blue	12VDC	15VDC	2800	2.50
55-111G-0	Green	12VDC	15VDC	1300	2.50
55-111R-0	Red	12VDC	15VDC	2000	2.50
55-111Y-0	Yellow	12VDC	15VDC	2000	2.50
55-111W-0	White	12VDC	15VDC	2000	2.50
55-112B-0	Blue	24VDC	32VDC	2800	2.50
55-112G-0	Green	24VDC	32VDC	1300	2.50
55-112R-0	Red	24VDC	32VDC	2000	2.50
55-112Y-0	Yellow	24VDC	32VDC	2000	2.50
55-112W-0	White	32VDC	32VDC	2000	2.50
SCREW BASE					
55-120B-0	Blue	6VDC	7VDC	2800	2.50
55-120G-0	Green	6VDC	7VDC	1300	2.50
55-120R-0	Red	6VDC	7VDC	2000	2.50
55-120Y-0	Yellow	6VDC	7VDC	2000	2.50
55-120W-0	White	6VDC	7VDC	2000	2.50
55-121B-0	Blue	12VDC	15VDC	2800	2.50
55-121G-0	Green	12VDC	15VDC	1300	2.50
55-121R-0	Red	12VDC	15VDC	2000	2.50
55-121Y-0	Yellow	12VDC	15VDC	2000	2.50
55-121W-0	White	12VDC	15VDC	2000	2.50
55-122B-0	Blue	24VDC	32VDC	2800	2.50
55-122G-0	Green	24VDC	32VDC	1300	2.50
55-122R-0	Red	24VDC	32VDC	2000	2.50
55-122Y-0	Yellow	24VDC	32VDC	2000	2.50
55-122W-0	White	32VDC	32VDC	2000	2.50

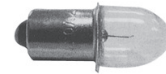


SUPER BRIGHT LED REPLACEMENT LAMPS

These LED lamps are suitable long life replacements for T3-1/4 screw or bayonet base lamps. The bottom contact is the anode (+) and the bayonet or screw sleeve is the cathode. With internal resistor for the specified voltage.

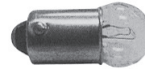
Cat. No.	Colour	Volts	Max. Volts	MCD	If	Net Price
BAYONET BASE						
55-211B-0	Blue	12	15	4500	32mA	\$10.83
55-211G-0	Green	12	15	17000	32mA	10.83
55-211R-0	Red	12	15	21000	32mA	9.17
55-211Y-0	Yellow	12	15	21000	32mA	9.17
55-211W-0	White	12	15	10000	32mA	10.83
55-212B-0	Blue	24	32	4500	20mA	10.83
55-212G-0	Green	24	32	17000	20mA	10.83
55-212R-0	Red	24	32	21000	20mA	9.17
55-212Y-0	Yellow	24	32	21000	20mA	9.17
55-212W-0	White	24	32	10000	20mA	10.83
SCREW BASE						
55-221B-0	Blue	12	15	4500	32mA	10.83
55-221G-0	Green	12	15	17000	32mA	10.83
55-221R-0	Red	12	15	21000	32mA	9.17
55-221Y-0	Yellow	12	15	21000	32mA	9.17
55-221W-0	White	12	15	10000	32mA	10.83
55-222B-0	Blue	24	32	4500	20mA	10.83
55-222G-0	Green	24	32	17000	20mA	10.83
55-222R-0	Red	24	32	21000	20mA	9.17
55-222Y-0	Yellow	24	32	21000	20mA	9.17
55-222W-0	White	24	32	10000	20mA	10.83

NOTE: This series of LED bulbs are suitable for AC or DC voltage.



B-3 1/2 FLASHLIGHT BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
BAYONET BASE					
56-PR2-0	2.38	.50	.80	15	\$.33
56-PR6-0	2.47	.30	.45	30	.42
56-PR17-0	4.90	.30	1.2	31.8	.33
56-PR20-0	8.63	.50	5.0	31.8	.45



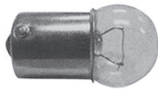
G-3 1/2 SCREW/BAYONET BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
SCREW BASE					
56-0131-0	1.30	.10	.03	50	\$.40
56-0013-0	3.70	.30	.98	15	.50
56-0050-0	7.50	.22	1.0	1000	.33
56-1447-0	18.0	.15	1.5	250	.33
BAYONET BASE					
56-0051-0	7.5	.22	1.0	1000	.33
56-0182-0	14.0	.18	1.0	2000	.60
56-0356-0	28.0	.17	3.5	500	.33



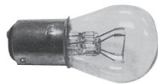
G-4 1/2 SCREW/BAYONET BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
SCREW BASE					
56-0407-0	4.90	.30	1.2	50	\$.33
56-0502-0	5.10	.15	.60	100	.33
56-0605-0	6.15	.50	3.4	15	.33
56-0430-0	14.0	.25	2.7	250	.55
56-0432-0	18.0	.25	3.5	250	.64
BAYONET BASE					
56-0055-0	7.0	.41	2.0	500	.33
56-0293-0	14.0	.33	2.0	7500	.33
56-0456-0	28.0	.17	2.0	3000	.40



G-6 DC BAYONET BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
BAYONET BASE					
56-0064-0	7.0	.63	3.0	1000	\$.60
56-1178-0	13.5	.69	4.0	5000	.75
56-0624-0	28	.37	6.0	1000	1.00
56-1224-0	34.0	.16	3.8	275	.75



S-8 DC BAYONET BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
BAYONET BASE					
56-1076-0	12.8	1.8	32	200	\$.58
56-1204-0	28.0	.71	21	400	.75
56-1638-0	28.0	1.02	32	500	1.00



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T-1 3/4 BULBS

Cat. No.	Base	Volts	Amps	Candle Power	Life (Hours)	Net Price
56-1738-0	1	2.70	.06	.04	6000	\$.42
56-2112-0	1	6.30	.20	.55	20K	.42
56-2162-0	1	14.0	.10	.50	10K	.33
56-1764-0	1	28.0	.04	.34	4000	.33
56-0375-0	2	3.0	.015	.003	20K	.70
56-0349-0	2	6.3	.20	.55	20K	.67
56-8918-0	2	14.0	.10	.50	10K	.75
56-0459-0	2	22.0	.04	.30	5000	.50
56-7341-0	2	28.0	.065	.65	5000	.50
56-7349-0	3	6.3	.20	.55	20K	.75
56-7373-0	3	14.0	.10	.50	10K	.58
56-7376-0	3	28.0	.065	.65	10K	.58
56-1769-0	4	2.5	.20	.20	1000	.42
56-0378-0	4	6.5	.20	.40	20K	.50
56-0373-0	4	14.0	.08	.50	2500	.50
56-0399-0	4	28.0	.04	.30	7000	.50
56-0398-0	5	6.3	.20	.55	20K	.50
56-0346-0	5	18.0	.04	.15	10K	.50
56-0334-0	5	28.0	.04	.34	25K	.45
56-0086-0	6	6.3	.20	.40	20K	.33
56-0037-0	6	14.0	.009	.50	2500	.33
56-0017-0	6	28.0	.065	.65	5000	.60



T1 BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
MIDGET FLANGE BASE					
56-0718-0	5.0	.115	.15	40K	\$1.08
56-0022-0	14.0	.04	.132	16K	1.08
56-6839-0	28.0	.024	.15	16K	1.33
BIPIN BASE					
56-7715-0	5.0	.115	.15	40K	.83
56-8099-0	18.0	.026	.15	16K	.83
56-7839-0	28.0	.024	.15	16K	1.08



S-8 DC WEDGE BASE BULBS

Cat. No.	Base	Volts	Amps	Candle Power	Life (Hours)	Net Price
56-0043-0	1	2.5	5.0	.50	3000	\$.33
56-0755-0	1	6.3	.15	.33	20K	.40
56-1815-0	1	14.0	.20	1.4	3000	.33
56-1873-0	1	28.0	.20	3.0	2500	.67
56-0042-0	2	3.2	.35	.50	3000	.33
56-0046-0	2	6.3	.25	.90	3000	.33
56-1821-0	2	28.0	.17	3.5	500	.42
56-0259-0	3	6.3	.25	.65	5000	.40
56-0168-0	3	14.0	.35	3.0	1500	.50
56-0464-0	3	28.0	.17	3.0	1500	.58



T5 BULBS

Cat. No.	Volts	Amps	Candle Power	Life (Hours)	Net Price
WEDGE BASE					
56-0908-0	6.0	1.5	12	50	\$.67
56-0904-0	13.5	.69	4.0	5000	.67



BATTERY SNAPS

Battery snaps for 9 volt batteries or battery holders. 24 AWG wire 150mm long.

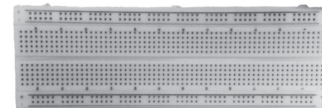
Cat. No.	Type	Net Price Per 100
57-901-0	'I' type	\$18.17
57-902-0	'T' type	20.83



BATTERY SNAPS

9 volt T type molded battery snaps. 24AWG 150mm long.

Cat. No.	Net Price Per 100
57-902M-0	\$26.67



BREADBOARD STRIPS

Breadboard strips with standard .1" spacing. Two power strips with 100 contacts on each strip, 640 contacts on main breadboard. 88-841-0 features silver plated contacts for low contact resistance.

Cat. No.	Net Price
88-840-1	\$8.33