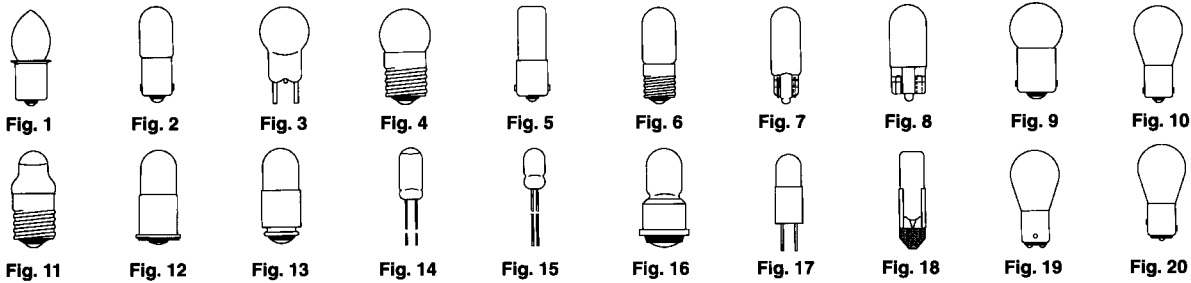




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P I L O T L I G H T S & I N D I C A T O R S



Lamp Type	Design		Average Life Hours	Fig.	Lamp Size
	V	Amps			
PR2	2.38	0.500	15	1	B-3½
PR3	3.57	0.500	15	1	B-3½
PR4	2.33	0.270	10	1	B-3½
PR6	2.47	0.300	30	1	B-3½
PR7	3.70	0.300	30	1	B-3½
1893	14.00	0.330	7500	2	T-¾
43	2.50	0.500	3000	2	T-¾
1892	14.40	0.120	1000	2	T-¾
1891	14.00	0.240	500	2	T-¾
313	28.00	0.170	500	2	T-¾
755	6.30	0.150	20000	2	T-¾
44	6.30	0.250	3000	2	T-¾
45	3.20	0.350	3000	2	T-¾
47	6.30	0.150	3000	2	T-¾
756	14.00	0.080	15000	2	T-¾
757	28.00	0.080	7500	2	T-¾
8-3995	130.00	0.020	2000	2	T-¾
1866	6.30	0.250	5000	2	T-¾
1864	28.00	0.170	1500	2	T-¾
1819	28.00	0.040	2500	2	T-¾
1816	13.00	0.330	1000	2	T-¾
1813	14.40	0.100	1000	2	T-¾
1815	14.00	0.200	3000	2	T-¾
1847	6.30	0.150	5000	2	T-¾
1818	24.00	0.170	250	2	T-¾
1850	5.00	0.090	1500	2	T-¾
1822	36.00	0.100	1000	2	T-¾
1820	28.00	0.100	1000	2	T-¾
1828	37.50	0.050	3000	2	T-¾
1829	28.00	0.070	1000	2	T-¾
1835	55.00	0.050	5000	2	T-¾
1495	28.00	0.300	500	2	T-4½
1434	3.70	2.750	100	3	T-5
12	6.30	0.150	5000	3	G-3½
19	14.40	0.100	1000	3	G-3½
13	3.70	0.300	15	4	G-3½
50	7.50	0.220	1000	4	G-3½
509K	24.00	0.180	1000	4	G-6
8-967	120.00	0.025	5000	5	T-2
120MB	120.00	0.025	5000	5	T-2
28MB	28.00	0.040	5000	5	T-2
60MB	60.00	0.050	7500	5	T-2
24MB	24.00	0.073	10000	5	T-2
8362	14.00	0.080	15000	6	T-1¼
335	28.00	0.040	4000	6	T-1¼
399	28.00	0.040	7000	6	T-1¼
1821	28.00	0.170	500	6	T-1¼
1769	2.50	0.200	500	6	T-1¼
40	6.30	0.150	3000	6	T-¾
1823	48.00	0.100	1000	6	T-¾
86	6.30	0.200	20000	7	T-1¼
85	28.00	0.040	7000	7	T-1¼
73	14.00	0.080	15000	7	T-1¼
161	14.00	0.190	1500	8	T-¾
656	28.00	0.060	2500	8	T-¾
259	6.30	0.250	5000	8	T-¾
194	14.00	0.270	1500	8	T-¾
53	14.40	0.120	1000	9	G-3½
51	7.50	0.220	1000	9	G-3½
356	28.00	0.170	500	9	G-3½
1450	24.00	0.035	3000	9	G-3½
219	6.30	0.250	5000	9	G-4½
55	7.00	0.410	500	9	G-4½
1895	14.00	0.270	1500	9	G-4½
82	6.50	1.020	500	9	G-6 D.C.
1251	28.00	0.230	2000	9	G-6
307	28.00	0.660	300	10	S-8
93	12.80	1.040	500	10	S-8
2232	28.00	0.770	2000	10	S-8
2232	28.00	0.643	2000	10	S-8
1156	12.80	2.100	600	10	S-8
3011	28.00	1.290	1000	10	S-11
222	2.25	0.250	5	11	GTL-3
385	28.00	0.040	10000	12	T-1¼
387	28.00	0.040	7000	12	T-1¼
394	12.00	0.040	10000	12	T-1¼
381	6.30	0.200	20000	12	T-1¼
7333	5.00	0.060	25000	12	T-1¼
7335	5.00	0.115	40000	12	T-1¼
7341	28.00	0.065	5000	12	T-1¼
8918	14.00	0.100	10000	12	T-1¼
382	14.00	0.080	15000	12	T-1¼
328	6.00	0.200	1000	12	T-1¼
370	18.00	0.040	10000	12	T-1¼
338	2.70	0.060	6000	12	T-1¼
367	10.00	0.040	5000	12	T-1¼
349	6.30	0.200	5000	12	T-1¼
345	6.00	0.040	10000	12	T-1¼
376	28.00	0.060	25000	12	T-1¼
330	14.00	0.080	1500	12	T-1¼
327	28.00	0.040	4000	12	T-1¼
3150	5.00	0.060	5000	12	T-1¼
388	28.00	0.040	7000	13	T-1¼
398	6.30	0.200	5000	13	T-1¼
334	28.00	0.040	4000	13	T-1¼
386	14.00	0.080	15000	13	T-1¼
336	14.00	0.080	1500	13	T-1¼
8-374	2.50	0.350	3000	14	TL-1¼
7153	5.00	0.115	40000	15	T-¾
6833AS15	5.00	0.060	25000	15	T-¾
6833	5.00	0.060	25000	15	T-¾
7153AS15	5.00	0.115	40000	15	T-¾
7219	12.00	0.060	10000	15	T-1
715AS15	5.00	0.115	40000	15	T-1
7152AS15	5.00	0.115	40000	15	T-1
7152	5.00	0.115	40000	15	T-1
715	5.00	0.115	40000	15	T-1
683	5.00	0.060	25000	15	T-1
683AS15	5.00	0.060	25000	15	T-1
680	5.00	0.060	60000	15	T-1
6838	28.00	0.024	4000	15	T-1
718	5.00	0.115	40000	15	T-1
682	5.00	0.060	60000	16	T-1
685	5.00	0.060	25000	16	T-1
6839	28.00	0.024	4000	16	T-1
7839	28.00	0.024	4000	17	T-1
7680	5.00	0.060	60000	17	T-1
7683	5.00	0.060	25000	17	T-1
8-2402	28.00	0.024	4000	17	T-1
7265	5.00	0.060	5000	17	T-1
7715	5.00	0.115	40000	17	T-1
7632	28.00	0.040	1000	17	T-1¼
7646	14.00	0.080	1000	17	T-1¼
7876	28.00	0.060	25000	17	T-1¼
7328	6.00	0.200	1000	17	T-1¼
7387	28.00	0.040	7000	17	T-1¼
7361	5.00	0.060	25000	17	T-1¼
7377	6.30	0.075	1000	17	T-1¼
7374	28.00	0.040	10000	17	T-1¼
7373	14.00	0.100	10000	17	T-1¼
7371	12.00	0.040	10000	17	T-1¼
7382	14.00	0.080	15000	17	T-1¼
7327	28.00	0.040	4000	17	T-1¼
7381	6.30	0.200	20000	17	T-1¼
10ESB	10.00	0.035	1000	18	T-2
12ESB	12.00	0.040	7500	18	T-2
16ESB	16.00	0.040	7500	18	T-2
18ESB	18.00	0.040	5000	18	T-2
24ESB	24.00	0.040	8000	18	T-2
28ESB	28.00	0.040	6000	18	T-2
48ESB	48.00	0.040	5000	18	T-2
6PSB	6.00	0.140	20000	18	T-2
12PSB	12.00	0.170	12000	18	T-2
24PSB	24.00	0.073	10000	18	T-2
28PSB	28.00	0.040	5000	18	T-2
48PSB	48.00	0.053	10000	18	T-2
60PSB	60.00	0.050	7500	18	T-2
120PSB	120.00	0.025	5000	18	T-2
1493	6.50	2.750	100	19	S-8
88	6.80	1.910	300	19	S-8
94	12.80	1.040	500	19	S-8
895	40.00	0.530	3800	19	S-8
1157	12.80	2.100	600	20	S-8

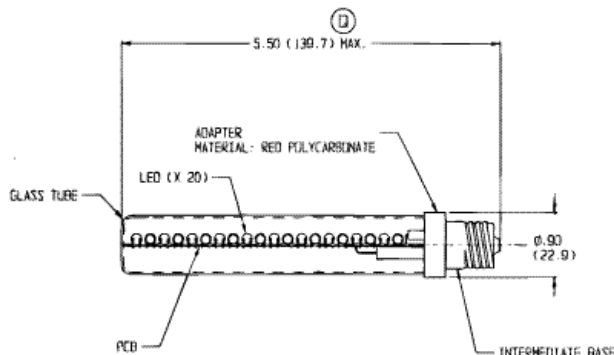


MULTIPLE LED EXIT LAMP

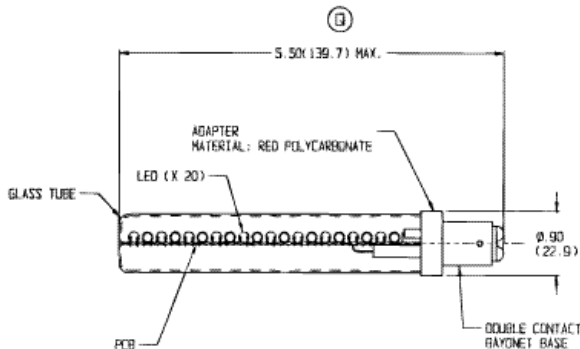
FEATURES AND BENEFITS

- Lower power consumption reduces energy costs
- Continuous uniform lighting eliminates hot spots and distortion
- Extremely long lamp life reduces the cost of annual maintenance
- Quality construction materials and procedures meet UL
- Solid state electronics minimize the detrimental defects of vibration, temperature swings and power surges
- Stock and custom lamp availability enhances design flexibility

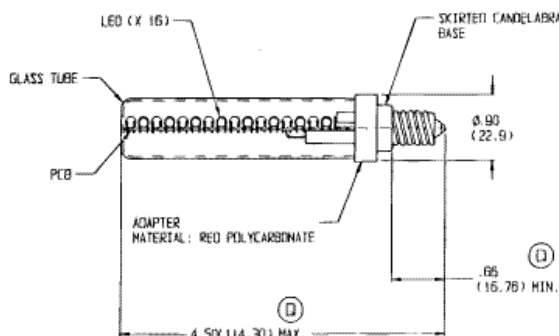
20 LED / INTERMEDIATE LAMP ASSEMBLY



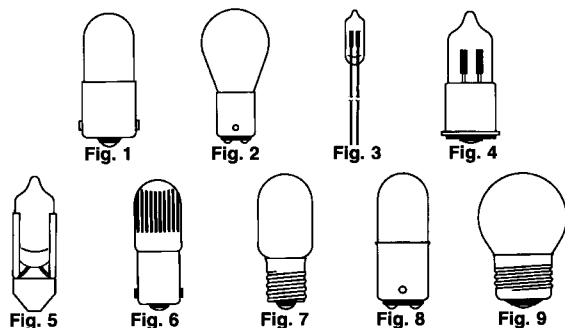
20 LED / BAYONET LAMP ASSEMBLY



16 LED / CANDELABRA LAMP ASSEMBLY

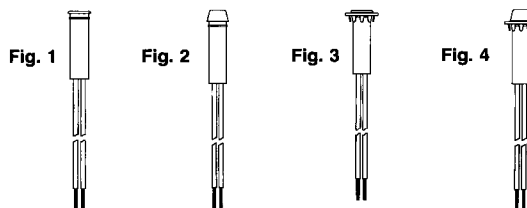


NEON LAMPS



Mfr. No.	Design Current mA (110-120V)	Recommended Series Resistor		Fig.	Lamp Size
		Ohms	Watts		
B6A (NE-21)	2.00	30K	1/4	1	T-4 1/2
B8A (NE-47)	2.00	30K	1/4	1	T-4 1/2
R1A (NE-79)	8.00	7.5K	1/4	2	S-7
2ML (NE-38S)	0.30	100K	1/4	3	T-1 1/4
A1A (NE-2)	0.70	100K	1/4	3	T-2
A1B	0.30	220K	1/4	3	T-2
A1C	1.20	47K	1/4	3	T-2
A2A	0.70	100K	1/4	3	T-2
A2B (NE-2V)	0.70	100K	1/4	3	T-2
A9A (NE-2E)	0.70	100K	1/4	3	T-2
C2A (NE-2H)	1.90	30K	1/4	3	T-2
C2A-T (NE-2HT)	1.90	30K	1/4	3	T-2
A1G	0.30	220K	1/4	4	T-1 3/4
A1H	1.20	47K	1/4	4	T-1 3/4
C7A (NE-2D)	0.70	100K	1/4	4	T-1 3/4
C9A (NE-2J)	1.90	30K	1/4	4	T-1 3/4
K1A (NE-84)	1.90	30K	1/4	5	T-2
K1B1	1.20	47K	1/4	5	T-2
K1C5	0.70	100K	1/4	5	T-2
B1A (NE-51)	0.30	220K	1/4	6	T-3 1/4
B2A (NE-51H)	1.20	47K	1/4	6	T-3 1/4
B2A-R (NE-51HR)	1.20	47K	1/4	6	T-3 1/4
B7A (NE-45)	2.00	30K	1/4	7	T-4 1/2
B5A (NE-17)	2.00	30K	1/4	8	T-4 1/2
B9A (NE-48)	2.00	30K	1/4	8	T-4 1/2
J5A (NE-30)	8.00	7.5K	1/4	9	S-11
J9A (NE-56)	5.00	39K	1/2	9	S-11

NEON GLO-LITE INDICATORS



Feature built-in C2A neon, high brightness, 25,000-hour lamp with current limiting series resistor for UL recognized, CSA certified 125 VAC operation. Wired units have 10" #22 AWG leads. Figures 1 & 2 mount 0.375" Dia. (9.53) hole, to 1.25" (31.75) panel thickness; figures 3 & 4 snap mount into 0.500" Dia. (12.70) hole, to 0.078" (1.98) panel thickness.

CML Series Indicators with Flush Transparent Lens

Mfr. No.	Fig.	Color	Description
6063-001-534R	1	Red	Flat face
6063-001-634R	2	Red	Conical face
6073-001-534R	3	Red	Flat face
6073-001-634R	4	Red	Conical face
6073-001-634W	4	White	Conical face

SUBMINIATURE SOLID-STATE INDICATOR LIGHTS



Sub-midget style with built-in bright LED; 70° viewing angle. Resistant to shock and vibration. Can be powered with low electrical energy supply or driven directly with solid-state circuitry. Operates on 1.8 to 2.8 VDC. Maximum DC current: 50 ma. Mounts in 0.193" (4.90) Dia. "D" hole in 0.188" (4.78) thick (max.) panel, on 0.344" (8.74) centers min. 6" wire leads, 105° C PVC insulation.

Mfr. No.	Color	MCD
6039-004-304G	Green	3.2
6039-004-304R	Red	2.0
6039-004-304Y	Yellow	3.2