

QUALITY
INVESTMENTS
SPECIALTY
SERVICES



Specialty Incandescent

FEATURES

- Appliance and indicators in various base styles
- Lumaline "linear" incandescent lamps
- Rough service lamps for commercial and industrial settings
- Extended service or long life lamps for home, apartment buildings, and commercial area lighting
- High wattage lamps for large areas
- Swimming pool lamps
- Pet lamps for home and zoo
- See Incandescents in Sections 3, 6, 7, 9, 10 for Directional Lighting, Safety, City and Airport Lighting, Heat Lamps, Railway, Mine and Marine

APPLICATIONS

- Appliance
- Indicators
- Decorative
- Commercial
- Swimming Pools
- Zoo
- Hobbies

Appliance and Indicators

FEATURES

- Popular, small low wattage lamps to illuminate small areas, or as indicator lamps



Fig. 132



Fig. 133



Fig. 134



Fig. 135



Fig. 136



Fig. 137

Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number
Appliance and Indicators														
3	130	11098 3S6/5 24PK		24	S6	Cand	C-7A	1.37	1.87	11	3000		Clear	132
6	12	11316 6S6 24PK		24	S6	Cand	C-2V	1.37	1.87	50	1500		Clear	132
		24 11329 6S6		240	S6	Cand	C-2V	1.37	1.87	50	1500		Clear	132
		75 11357 6S6DC 24PK		24	S6	DC Bay	C-7A	1.43	1.81	45	1500		Clear	133
120		11367 6S6 TRAY		240	S6	Cand	C-7A	1.37	1.87	41	1500		Clear. 12-Lamp Tray	132
		11577 6S6/3		240	S6	Cand	C-7A	1.37	1.87	23	5000		Clear-Signal Light	132
		11660 6S6/7 TRAY 24PK		24	S6	Inter	C-7A	1.06	1.81	41	1500		Clear. 12-Lamp Tray	134
		11592 6S6DC TRAY		240	S6	DC Bay	C-7A	1.43	1.81	41	1500		Clear. 12-Lamp Tray	133
130		11369 6S6 TRAY		240	S6	Cand	C-7A	1.37	1.87	41	1500		Clear. 12-Lamp Tray	132
		11594 6S6/DC TRAY		240	S6	DC Bay	C-7A	1.43	1.81	41	1500		Clear. 12-Lamp Tray	133
145		11372 6S6		240	S6	Cand	C-7A	1.37	1.87	41	1500		Clear	132
		11609 6S6DC 24PK		24	S6	DC Bay	C-7A	1.43	1.81	41	1500		Clear. 12-Lamp Tray	133
		155 11374 6S6		240	S6	Cand	C-7A	1.37	1.87	41	1500		Clear	132
7.5	120	11847 7 1/2S TRAY		240	S11	Med	C-9		2.25	53	1400		Clear. 12-Lamp Tray	135
		41267 7 1/2S/CW CARD		240	S11	Med	C-9		2.25	39	1400 56		White	135
130		11848 7 1/2S TRAY		240	S11	Med	C-9		2.25	53	1400		Clear. 12-Lamp Tray	135
		11922 7 1/2S/CW TRAY		240	S11	Med	C-9		2.25	39	1400		White-12-Lamp Tray	135
10	120	12249 10S11/79		120	S11	Cand	C-7A	1.56	2.25	80	1000		Clear	136
		12188 10S11N/F		120	S11	Inter	C-7A	1.62	2.31	79	1000		Frost	137
		230 12041 10S6/10		24	S6	Cand	C-7A	1.37	1.87	66	1500		Clear	132
		12060 10S6/10DC 24PK		24	S6	DC Bay	C-7A	1.87	1.87	66	1500		Clear	133
		250 12050 10S6/10 24PK		24	S6	Cand	C-7A	1.37	1.87	66	1500		Clear	132
15	120	13210 15S11/13		120	S11	Cand	C-7A	1.56	2.25	137	750		Clear	132
		13291 15S11/102		240	S11	Med	C-7A		2.25	120	400		Clear-Refrigerator, 12-Lamp Tray	135
40	120	35156 40S11N/1 CARD		240	S11	Inter	C-9	1.62	2.31	440	500 57, 58		Clear-12-Card Pack	137
		15734 40S11N/1/F		120	S11	Inter	C-9	1.62	2.31	440	500 57		Frost	137

Specialty Incandescent SECTION 5

Lumaline

FEATURES

- “Linear” incandescent lamps with special bases
- For display cases, architectural lighting
- Not recommended for new applications

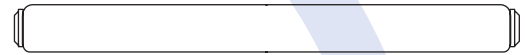


Fig. 138

Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number
Lumaline														
30	120	15029 L30		24	T8	Disc	C-8	17.75	230	1500		Clear		138
		15071 L30/W		24	T8	Disc	C-8	17.75	210	1500		White		138
40	120	15804 L40		24	T8	Disc	C-8	11.75	325	1500		Clear		138
		15839 L40/W		12	T8	Disc	C-8	11.75	295	1500		White		138
60	120	17226 L60		24	T8	Disc	C-8	17.75	480	1500		Clear		138
		17266 L60/W		12	T8	Disc	C-8	17.75	450	1500		White		138

Rough Service

FEATURES

- Survivor™ bulbs have longer life, very long life when operated at 120V, special coil design to resist shock and vibration, and brass bases
- Survivor™ bulbs provide 3-4x life with 68%-75% of ordinary bulbs
- Rough service lamps tend to have “normal” life but they are built exclusively to resist mechanical shock and vibration

APPLICATIONS

- Commercial Hallways, Stairwells, Rooms
- Gyms, Storage and Security Areas



Fig. 139



Fig. 140



Fig. 209

Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number
Rough Service														
40	120	31519 40A1/FR/RS/B22		20	A19	B22				300	1500		I.F. Rough Service	209
40	130	40323 40A/S-130V-24PK		24	A19	Med	C-9	3.12	4.43	330	3000	54, 60	Survivor™, LongLife, I.F., Vibration Resistant	139
36	120									245	5500			
40	240	91228 40A1/FR/RS/B22		20	A19	B22				250	3000		I.F. Rough Service	209
50	120	33495 50A/RS 24PK		24	A19	Med	C-17A	2.56	3.87	490	1000	57, 59	I.F.-Rough Service	139
	250	16147 50A/RS		120	A19	Med	C-22	2.56	3.87	470	1000	57, 59	I.F.-Rough Service	139
60	120	40324 60A/S-120V-24PK		24	A19	Med	C-9	3.12	4.43	600	3000	60	Survivor™, LongLife, I.F., Vibration Resistant	139
		31535 60A1/FR/RS/B22		20	A19	B22				450	3000		I.F. Rough Service	209
		31546 60A1/FR/RS/E27		20	A19	E27				450	1500		I.F. Rough Service	139
60	130	40325 60A/S-130V-24PK		24	A19	Med	C-9	3.12	4.43	600	3000	54, 60	Survivor™, LongLife, I.F., Vibration Resistant	139
53	120									460	8300			
60	240	91229 60A1/FR/RS/E27		20	A19	E27				500	3000		I.F. Rough Service	139
75	120	44546 75A/RS 6PK		30	A21	Med	C-17	3.81	5.25	1000	57, 59		I.F. Rough Service	140
		18274 75A/RS 12PK-5		60	A21	Med	C-17	3.81	5.25	750	1000	57, 59	I.F. Rough Service	140
		46895 75A/RS/STG PQ1/6		30	A21	Med	C-17	3.81	5.25	1000	21, 60, 65		Rough Service, Saf-T-Gard®	140
75	130	17527 75A/RS 60PK		60	A21	Med	C-17	3.81	5.25	740	1000	57, 59	I.F. Rough Service	140
67	120									560	2600			
75	130	40328 75A/S-130V-24PK		24	A19	Med	C-9	3.12	4.43	815	3000	54, 60	Survivor™, LongLife, I.F., Vibration Resistant	139
67	120									790	8300			
100	120	18275 100A/RS 12PK-5		60	A21	Med	C-17	3.81	5.25	1160	1000	57, 59	I.F. Rough Service	140
		47261 100A/RS/STGPQ1/6		30	A21	Med	C-17	3.81	5.25	1230	1000	21, 60, 65	Rough Service - Saf-T-Gard®	140
		40329 100A/S-120V-24PK		24	A19	Med	C-9	3.12	4.43	1190	3000	60, 93	Survivor™, Long Life, I.F., Vibration Resistant	139
		31560 100A1/FR/RS/B22		20	A19	B22				840	3000		I.F. Rough Service	209
		31573 100A1/FR/RS/E27		20	A19	E27				840	3000		I.F. Rough Service	139

Specialty Incandescent



Fig. 139

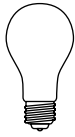


Fig. 140

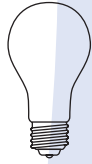


Fig. 141

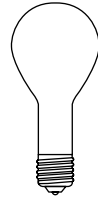


Fig. 142

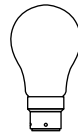


Fig. 209



Watts	Volts	Order Code	Description	Case Qty. Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number	
Rough Service (Continued)														
100	130	17522	100A/RS 60PK	60	A21	Med	C-17	3.81	5.25	1060	1000	54, 57, 59	I.F.-Rough Service	140
89	120								800	2600				
100	130	40330	100A/S-130V-24PK	24	A19	Med	C-9	3.12	4.43	1170	3000	54, 60, 93	Survivor™, LongLife, I.F., Vibration Resistant	139
89	120								880	8300				
100	130	33456	100A23/VS	24	A23	Med	C-9	4.43	5.93	1340	1000	54, 57, 59	I.F.-Vibration Service	141
89	120								1020	2600				
100	240	92018	100A1/FR/RS/B22	20	A19	B22			880	3000			I.F. Rough Service	209
		91227	100A1/FR/RS/E27	20	A19	E27			880	3000			I.F. Rough Service	139
250	17524	100A/RS 60PK	60	A21	Med	C-17	3.81	5.25	960	1000	54, 57, 59		I.F. Rough Service	140
150	130	19618	150/RS	60	PS25	Med	C-17	5.18	6.93	2160	1000	54, 57, 59	I.F.-Rough Service	142
133	120								1650	2600				
150	130	33465	150/VS	24	PS25	Med	C-9	5.18	6.93	2270	1000	54, 57, 59	I.F.-Vibration Service	142
133	120								1735	2600				
150	130	15818	150A/S	60	A21	Med	C-9	3.37	4.93	1925	2000	54, 60, 93	Survivor™, LongLife, I.F., Vibration Resistant	140
133	120								1470	5500				
150	130	17625	150A21/RS	60	A21	Med	C-17	3.81	5.25	2065	1000	54, 57, 59	I.F.-Rough Service	140
133	120								1580	2600				
200	130	33468	200PS30/23 24PK	24	PS30	Med	C-9	6	8.06	3240	1000	54, 57, 59	I.F.-Rough Service	142
177	120								2495	2600				
200	130	20403	200PS30/24	60	PS30	Med	C-9	6	8.06	3240	1000	54, 57, 59	Clear-Rough Service	142
177	120								2495	2600				

Extended Service – Long Life

FEATURES

- 130/120V lamp; lumen and life depicted at 130V/120V
- Life 3-6x conventional lamps on same circuitry



Fig. 140

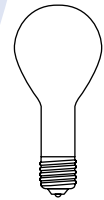


Fig. 142

Watts	Volts	Order Code	Description	Case Qty. Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number	
Extended Service – Long Life														
100	130	21315	100A21/99 60PK	60	A21	Med	CC-6	3.87	5.25	1420	2500	54, 60	Diffuse Coating	140
89	120								1080	6800				
135	130	13025	150A/135WMP/99	60	A21	Med	CC-8	4.06	5.37	2060	2500	54	Watt-Miser®, Diffuse Coating, Long Life	140
120	120								1580	6800				
150	130	19668	150/99CL	60	PS25	Med	C-9	5.18	6.93	2200	2500	54, 60	Clear-Extended Service	142
133	120								1680	6800				
150	130	19658	150/99/IF	60	PS25	Med	C-9	5.18	6.93	2200	2500	54, 60	I.F.-Extended Service	142
133	120								1680	6800				
150	130	25929	150A21/99/IF	60	A21	Med	CC-8	4.06	5.37	2310	900	54, 60	I.F.-Extended Service	140
133	120								1700	2500				
200	130	20354	200/99IF	60	PS30	Med	C-9	6	8.06	3000	2500	54, 60	I.F.-Extended Service	142
177	120								2310	6800				
200	130	25937	200A21/99/CL 130	60	A21	Med	CC-8	4.06	5.37	3250	2500	54	Clear-Extended Service	140
177	120								2600	4500				
200	130	25936	200A21/99/IF	60	A21	Med	CC-8	4.06	5.37	3250	2500	54	I.F.-Extended Service	140
177	120								2600	4500				

Specialty Incandescent SECTION 5

High Wattage Incandescent

FEATURES

- 500-1000 watt lamps
- Many 130V lamps can be operated on 120V circuits for 2x+ life (with lumen loss)

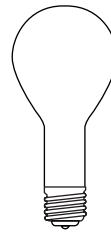


Fig. 144

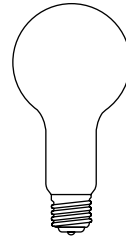


Fig. 145

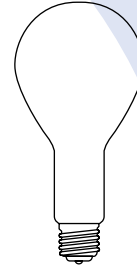


Fig. 146



Fig. 147



Fig. 148

Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number
High Wattage Incandescent														
500	120	21530 500	24 PS35 Mog	CC-8	7	9.3710850	1000	60	Clear	144				
		21687 500PS40	24 PS40 Mog	C-9	7	9.75 9900	1000	60	Clear	145				
130	130	21532 500	24 PS35 Mog	CC-8	7	9.3710850	1000	60	Clear	144				
		21643 500/99	24 PS40 Mog	C-9	7	9.75 9070	2000	60	Clear-Extended Service	145				
		21651 500/99IF	24 PS35 Mog	C-9	7	9.75 9070	2000	60	I.F.-Extended Service	144				
		21581 500/IF	24 PS35 Mog	CC-8	7	9.3710850	1000	60	Inside Frost	144				
		21872 500T20/50	12 T20	Med BiPost	C-13	4	6.5 9800	1000	20, 30, 81, 84	I.F. HRG	147			
750	130	22000 750	12 PS52 Mog	CC-8	9.5	13 17040	1000	60, 83	Clear	146				
		22117 750T24	24 T24	Med BiPost	C-13	5.5	9.1814800	1000	20, 30, 81, 84	Inside Frost, HRG	148			
1000	120	22310 1000/IF	12 PS52 Mog	C-7A	9.5	13	1000	60, 83	I.F.	146				
		22348 1000/SBIF	12 PS52 Mog	C-7A	9.5	13	1000	60, 83		146				
		22479 1M/T24	24 T24	Med BiPost	C-13	5.5	9.1821200	1000	20, 30, 81, 84	Inside Frost, HRG	148			
130	120	22260 1000	12 PS52 Mog	CC-8	9.5	13 23740	1000	60, 83	Clear	146				
		22301 1000/99	12 PS52 Mog	C-7A	9.5	13 19800	2500	60, 83	Clear-Extended Service	146				
250	120	22280 1000	12 PS52 Mog	C-7A	9.5	13 17700	2000	60, 83	Clear	146				
277	120	22284 1000	12 PS52 Mog	C-7A	9.5	13 17700	2000	60, 83	Clear	146				

Low and Extra Low Voltage GLS Lamps



Fig. 139



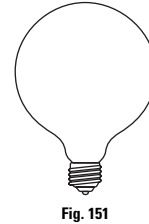
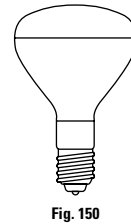
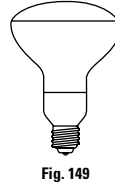
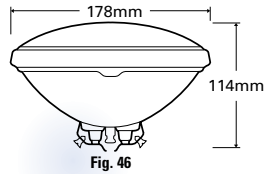
Fig. 209

Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament Type	LCL	MOL	Lumens	Life (hrs)	Additional Information	Bulb Finish	Figure Number
Low and Extra Low Voltage GLS Lamps														
25	24	35178 24V25/CL/E27	100 A19 E27							300	1000		Clear	139
40	24	91879 24V40/CL/B22	100 A19 B22							570	1000		Clear	209
		91876 24V40/CL/E27	100 A19 E27							570	1000		Clear	139
60	24	91874 24V40/FR/E27	100 A19 E27							570	1000		Frost	139
		91878 24V60/CL/B22	100 A19 B22							900	1000		Clear	209
		91877 24V60/CL/E27	100 A19 E27							900	1000		Clear	139
42	24	91875 24V60/FR/E27	100 A19 E27							900	1000		Frost	139
		29051 42V60/FR/E27	100 A19 E27							840	1000		Frost	139
100	24	35174 24V100/CL/E27	100 A19 E27							1700	1000		Clear	139
		91873 24V100/FR/E27	100 A19 E27							1700	1000		Frost	139

Swimming Pool

FEATURES

- Common lamps used in underwater swimming pool illumination
- Must be used with GFI circuitry

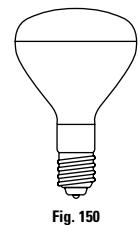
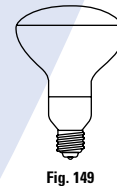


Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament Type	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number
Swimming Pool														
100	12	39503	100R30/CL	24	R30	Med	C-6	5.37	1200	2000	57, 60, 93	Reflector-Clear		149
250	12	23423	21A/R40/FL	24	R40	Med	C-2V	6.68		1000	57, 58, 60, 69, 90	Reflector Flood-I.F. BDTH, HORIZ, HRG		150
300	12	23427	300PAR56/WFL	12	PAR56	Scrww Term	C-6	4.5	6000	1000	20, 93, 165	PAR-Wide Flood		46
		10200	300PAR56/WFL12VPB	12	PAR56	Scrww Term	C-6	4.5		1000	20, 93, 165	PAR-Wide Flood		46
400	120	21363	400G/FL	60	G30	Med	C-5	3	5.12	6800	800	60, 79, 180	Clear-Flood, BDTH	151
		17542	400R40/FL	24	R40	Med	CC-2V	6.75	5000	2000	20, 60, 80, 90	Reflector Flood. HRG		150
500	120	48316	500R40/5FL/SLV	24	R40	Med	CC-2V	6.75		2000	20, 60, 80, 90	Silvered, BDTH		150

Pet Lamps

FEATURES

- Heat light (60A) and basking light (R20/30) for focused lighting
- Rare earth neodymium bulbs provide the natural warmth of daytime, while enhancing natural colors



Watts	Volts	Order Code	Description	Case Qty.	Bulb	Base	Filament	LCL (in)	MOL (in)	Lumens	Life (hrs)	Footnotes	Additional Information	Figure Number
Pet Lamps														
50	120	20812	50R20/NPET-6PK	30	R20	Med	C-9	2.44	3.94	2000	57, 59, 90	Neodymium Bulb		149
60	120	44818	60A/NPET PQ1/6	30	A19	Med	CC-8	3.13	4.44	1000	57, 59, 90	Neodymium Bulb		139
65	120	20813	65R30/NPET 6PK	6	R30	Med	CC-6	3.07	5.37	2000	57	Neodymium Bulb		150