



A19

BR40

S6

C7 Candelabra

S14

S11

DOUBLE LIFE LAMPS

Lasts 2X longer than ordinary Soft White lamps

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
100	A19	Med	11332	108	100A/DL/SW/4PK/RP	120	48	Soft White Double Life	C, CC-8	1500	1530	3.13	4.44
			12480		100A/DL/SW/PLUS/2PK/RP	120	24	Soft White Double Life	C, CC-8	1500	1560	3.13	4.44
			12805	108	100A/DL/SW/2PK/RP	120	24	Soft White Double Life	C, CC-8	1500	1530	3.13	4.44
120	BR40	Med Brass	14915	2,46,57,107,155	120BR/DL/FL/RP	120	6	Double Life Reflector Flood	C, CC-6	4000	960		6.50

GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
3	S6	Candelabra	16757		3S6/5	120	240	Clear Indicator	B, C-7A	3000	10	1.44	1.88
			16759	138	3S6/5	130	240	Clear Indicator	B, C-7A	3000	12	1.44	1.88
4	C7	Candelabra	13523		4C7/DL/BL/4PK	120	48	Double Life Night Light	B, C-9	6000	14		2.13
			13549		4C7/BL/4PK	120	48	Clear Night Light	B, C-9	3000	16		2.13
			13542		4C7/BL/2PK	120	24	Clear Night Light	B, C-9	3000	16		2.13
			13553		4C7/W/BL/4PK	120	48	White Night Light	B, C-7	3000	16		2.13
			13538		4C7/W/BL/2PK	120	24	White Night Light	B, C-9	3000	16		2.13
			13556		4C7/BLUE/2PK	120	24	Blue Nightlight	B, C-7A	3000			2.13
			13557		4C7/PINK/2PK	120	24	Pink Nightlight	B, C-7A	3000			2.13
6	S6	Candelabra	16927		6S6/CL12V	12	120	Clear Indicator	B, C-2R	1500	47	1.44	1.88
			16929		6S6/CL24V	24	120	Clear Indicator	B, C-7A	1500	48	1.44	1.88
			16930		6S6/CL30V	30	120	Clear Indicator	B, C-7A	1500	46	1.44	1.88
			16960		6S6/CL	120	120	Clear Indicator	B, C-7A	1500	41	1.44	1.88
			16938		6S6/CL	130	120	Clear Indicator	B, C-7A	1500	37	1.44	1.88
			16942		6S6/CL145V	145	120	Clear Indicator	B, C-7A	1500	33	1.44	1.88
			16943		6S6/CL155V	155	120	Clear Indicator	B, C-7A	1500	36	1.44	1.88
	DC Bayonet	16782		6S6DC	120	120	Clear Indicator	B, C-9	1500	41	1.44	1.81	
		16784		6S6DC	130	120	Clear Indicator	B, C-9	1500	37	1.44	1.81	
		16790		6S6DC145V	145	120	Clear Indicator	B, C-9	1500	37	1.44	1.72	
	S14	Med Brass	17314		6S14	120	120	Clear	B, C-9	1500	40	2.50	3.50
7	C7	Candelabra	13608		7C7	120	120	Clear Night Light	B, C-9	3000	43		2.13
			13545		7C7/BL/4PK	120	48	Clear Night Light	B, C-9	3000	43		2.13
			13543		7C7/BL/2PK	120	24	Clear Night Light	B, C-9	3000	43		2.13
			13609		7C7	130	120	Clear Night Light	B, C-9	3000	42		2.13
			13623		7C7/CW	120	120	White Night Light	B, C-9	3000	33		2.13
			13544		7C7/W/BL/4PK	120	48	White Night Light	B, C-9	3000	33		2.13
			13540		7C7/W/BL/2PK	120	24	White Night Light	B, C-9	3000	33		2.13
7.5	S11	Med	19353		7.5S	120	120	Clear	B, C-9	1400	47	1.56	2.25
			19355		7.5S	130	120	Clear	B, C-9	1400	45	1.56	2.25
			19420		7.5S/CW	120	120	Ceramic White	B, C-9	1400	32		2.25
			19433		7.5S/CW/BL	120	12	Ceramic White Utility Light	B, C-9	1400	32		2.25
			19421		7.5S/CW/BL/1/6	120	6	Ceramic White Utility Light	B, C-9	1400	32		2.25



T10



A15



A21



R20



S11



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GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)	
25	T10	Med	18491	●●	25T10/CL/BL/6PK	120	6	Clear	B, C-8	1000	232		5.63	
			18512	●●	25T10	130	60	Clear	B, C-8	1000	232		5.63	
			18503	●●	25T10/IF	120	60	Inside Frost	B, C-8	1000	230		5.63	
			18492	●●	25T10/IF/BL/6PK	120	6	Inside Frost	B, C-8	1000	230		5.63	
			18505	●●	25T10/IF	130	60	Inside Frost	B, C-8	1000	230		5.63	
30	A15	Med Brass	10122	77	30A15 @ 120_volts, approximate 26 watts, 150 lumens, 5000 hours.	130	120	Inside Frost	C, C-9	2000	200	2.38	3.50	
30 70 100	A21	3 CONTACT Med	19395	●▼	30/100/DAYLIGHT/1/12	120	12	Daylight 3-Way	C, CC-8	1200	220lm 700lm 920lm	3.38	5.31	
			19345	●▼ ¹¹⁸	30/100A21/DL/SW/1/48	120	48	Soft White Double Life 3-Way	C, CC-8	2400	270lm 860lm 1130lm	3.38	5.31	
			19380	●▼	30/100A21/DL/SW/RP	120	12	Soft White Double Life 3-way	C, CC-8	2400	270lm 860lm 1130lm	3.38	5.31	
			18029	●▼ ¹¹⁸	30/100A/W/DIYPACK	120	48	Soft White 3-way	C, CC-8	1200	300lm 945lm 1245lm	3.38	5.31	
			19385	●▼ ¹¹⁸	30/100A21/W/RP	120	12	Soft White 3-way	C, CC-8	1200	300lm 945lm 1245lm	3.38	5.31	
30	R20	Med Brass	14794	68,118	30R20	120	60	Reflector Flood	C, C-9	2000	140 40°		3.94	
			14836	68,118	30R20/RP	120	6	Reflector Flood	C, C-9	2000	140 40°		3.94	
			14802	136,147	30R20	130	60	Reflector Flood	C, C-9	2000	140 40°		3.94	
			@ 120_volts, approximate 26 watts, 100 lumens, 5000 hours											
	S11	DC Bayonet	10765	●	30S11/DC/75V	75	120	Clear Train Marker	C, C-7A	500	284	1.50	2.38	
32	A19	Med Brass	10983	● ⁷⁹	32A19/49	130	120	Clear Street Lighting Group Replacement	C, C-9	3000	258	2.88	4.25	
@ 120_volts, approximate 28 watts, 200 lumens, 7500 hours.														
34	A19	Med	11391	●	40A/34/W/ES/4PK	120	48	Soft White Energy Saver	C, CC-8	1500	375	3.13	4.44	
			11058	●●	40A/34/SS	120	48	Standard Frost SuperSaver	C, CC-8	1500	375	3.13	4.44	
			11379	●● ^{136,150}	40A/34/SS	130	48	Standard Frost SuperSaver	C, CC-8	1500	380	3.13	4.44	
	@ 120_volts, approximate 30 watts, 290 lumens, 3750 hours													
			Med Brass	11383	●	40A/34/SS/XL	120	48	Standard Frost SuperSaver XL	C, CC-8	2500	310	3.13	4.44
				11387	● ^{136,149}	40A/34/SS/XL	130	48	Standard Frost SuperSaver XL	C, CC-8	2500	310	3.13	4.44
@ 120_volts, approximate 30 watts, 240 lumens, 6250 hours														
40	A15	Candelabra	11534		40A15C/SW/FAN/2/12/BL	120	12	Soft White Ceiling Fan Light	C, C-9	1000	300	1.94	3.38	
			10029		40A15C/CL/FAN/2/12/BL	120	12	Clear Ceiling Fan	C, C-9	1000	330	1.94	3.38	
		Med	10181	●	40A15/DAY/FAN/BL/2/24	120	24	Daylight Fan	C, C-9	1000	340	2.38	3.50	
	11664		●	40A15/DL/SW/FAN/BL/2/24	120	24	Soft White Double Life Fan	C, C-9	2000	310	2.38	3.50		
	10061		●	40A15/CL/DL/APPL/2/12/BL	120	12	Clear Double Life Appliance	C, C-9	2000	350	2.38	3.50		



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R14 Inter

GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
40	A15	Med	10023	●	40A15/CL/DL/FAN/BL/2/24	120	24	Clear Double Life Ceiling Fan Light	C, C-9	2000	350	2.38	3.50
			10046	●	40A15/CL/DL/FAN	120	24	Clear Double Life Fan Light	C, C-9	2000	350	2.38	3.50
			10034	●	40A15/CL/DL/FAN/2/12/BL	120	12	Clear Double Life Fan Light	C, C-9	2000	350	2.38	3.50
			10133	●	40A15/CL/DL/BL	120	12	Clear Double Life Appliance	C, C-9	2000	350	2.38	3.50
			10082	●	40A15/SL	120	120	Safeline Appliance	C, C-9	1000	420	2.38	3.50
			11111	●	40A15/SW/FAN/BL/2/24	120	24	Soft White Ceiling Fan Light	C, C-9	1000	405	2.38	3.50
			11533	●	40A15/SW/FAN/2/12/BL	120	12	Soft White Ceiling Fan	C, C-9	1000	405	2.38	3.50
			10042	●	40A15/CL/FAN	120	24	Clear Ceiling Fan Light	C, C-9	1000	430	2.38	3.50
			10022	●	40A15/CL/FAN/BL/2/24	120	24	Clear Ceiling Fan Light	C, C-9	1000	430	2.38	3.50
			10036	●	40A15/CL/FAN/2/12/BL	120	12	Clear Ceiling Fan Light	C, C-9	1000	420	2.38	3.50
			10141	●	40A15/2PK/RP	120	24	Clear Appliance	C, C-9	1000	430	2.38	3.50
			10169	●	40A15/CL/BL/2/24	120	24	Clear Appliance	C, C-9	1000	430	2.38	3.50
			10066	●	40A15/CL/APPL/2/12/BL	120	12	Clear Appliance	C, C-9	1000	420	2.38	3.50
			10129	●	40A15/CL/BL	120	12	Clear Appliance	C, C-9	1000	430	2.38	3.50
			10119	●	40A15	120	120	Inside Frost Appliance	C, C-9	1000	420	2.38	3.50
			10117	●	40A15/IF/BL	120	12	Inside Frost Appliance	C, C-9	1000	420	2.38	3.50
			Med Brass	10365		40A15/1	250	120	Inside Frost Appliance	B, C-9	1000	330	2.50
10370		40A15/NEO		250	120	Neodymium Doped Appliance Lamp	B, C-9	1000	320	2.50	3.50		
A19	Med	10897	●☀	40A/DAY/4/160/RP	120	160	Daylight	C, CC-8	1500	350	3.13	4.44	
		10864	●☀	40A/DAY/RP/4/48	120	48	Daylight	C, CC-8	1500	350	3.13	4.44	
		11100	●☀	40A/DAY/RP/2/24	120	24	Daylight	C, CC-8	1500	350	3.13	4.44	
		10829	●☀ ^{99,136}	40A/DAY/RP/4/48 @ 120_volts, approximate 33 watts, 270 lumens, 3750 hours.	130	48	Daylight	C, CC-8	1500	350	3.13	4.44	
		10939	●☀	40A/DL/SW/4PK/RP	120	48	Soft White Double Life	C, CC-8	3000	390	3.13	4.44	
		11645	●☀	40A/DL/SW/2PK/RP	120	24	Soft White Double Life	C, CC-8	3000	390	3.13	4.44	
		11646	●☀	40AC/DL/2PK/RP	120	24	Clear Double Life	C, CC-8	3000	385	3.13	4.44	
		10996	●☀	40A/W/4/RP	120	48	Soft White	C, CC-8	1500	465	3.13	4.44	
		10977	●☀	40A/W/RP	120	24	Soft White	C, CC-8	1500	465	3.13	4.44	
		11223	●☀	40A/CL/RP	120	24	Clear	C, CC-8	1500	480	3.13	4.44	
		11036	●☀ ^{136,153}	40A/CL @ 120_volts, approximate 35 watts, 350 lumens, 3750 hours	130	120	Clear	C, CC-8	1500	460	3.13	4.44	
		11060	●☀	40A/4/RP	120	48	Standard Frost	C, CC-8	1500	470	3.13	4.44	
		11010	●☀	40A/RP	120	24	Standard Frost	C, CC-8	1500	470	3.13	4.44	
		11059	●☀ ^{136,153}	40A @ 120_volts, approximate 35 watts, 350 lumens, 3750 hours	130	48	Standard Frost	C, CC-8	1500	460	3.13	4.44	
		11011	●☀ ^{136,153}	40A/CVP @ 120_volts, approximate 35 watts, 350 lumens, 3750 hours	130	24	Standard Frost	C, CC-8	1500	460	3.13	4.44	
K19	Med	10471	●	40K19/DR	120	24	Inside Frost Directional Reflector	C, CC-6	1150	385		4.13	
R14	Intermediate	14820	●	40R14N/RP	120	6	Reflector Mini Flood	C, CC-2V	1500			2.56	



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GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
60	A15	Med	11007	●	60A15/CL/FAN/RP	120	24	Clear Ceiling Fan Light	C, C-9	1000	700	2.38	3.50
			10884	●	60A15CL/FAN/2/12/BL	120	12	Clear Ceiling Fan Light	C, C-9	1000	700	2.38	3.50
		Med Brass	10886		60A15/GARAGE/2/12/BL	120	12	Clear Garage Light	C, C-9	1000	690	2.38	3.50
		11008		60A15/GARAGE/RP	120	24	Inside Frost Garage Door	C, C-9	1000	690	2.38	3.50	
A19	Med	11509	●☀	60A/DAY/4/160/RP	120	160	Daylight	C, CC-8	1000	640	3.13	4.44	
		11463	●☀	60A/DAY/RP/4/48	120	48	Daylight	C, CC-8	1000	640	3.13	4.44	
		11101	●☀	60A/DAY/RP/2/24	120	24	Daylight	C, CC-8	1000	640	3.13	4.44	
		11602	●☀ ^{101,136}	60A/DAY/RP/4/48 @ 120_volts, approximate 53 watts, 490 lumens, 2500 hours.	130	48	Daylight	C, CC-8	1000	640	3.13	4.44	
		11204	●☀	60A/DL/SW/4PK/RP	120	48	Soft White Double Life	C, CC-8	2000	770	3.13	4.44	
		11227	●☀	60A/DL/SW/2PK/RP	120	24	Soft White Double Life	C, CC-8	2000	770	3.13	4.44	
		11260	●☀	60A/CL/DL/RP	120	24	Clear Double Life	C, CC-8	2000	790	3.13	4.44	
		10503	●☀	60A/RS/SL/RP	120	12	Safeline Rough Service Inside Frost	C, C-9	1000	555	3.13	4.44	
		13000	●☀	60A/RS/2/RP	120	24	Inside Frost Rough Service	C, C-9	1000	555	2.88	4.44	
		12977	●☀	60A/RS/RP/1	120	12	Inside Frost Rough Service	C, C-9	1000	555	2.88	4.44	
		12420	●☀ ^{136,168}	60A/RS/2/RP @ 120_volts, approximate 53 watts, 420 lumens, 2500 hours	130	24	Inside Frost Rough Service	C, C-9	1000	555	2.88	4.44	
		11205	●☀	60A/W/4/RP	120	48	Soft White	C, CC-8	1000	850	3.13	4.44	
		11208	●☀	60A/W/RP	120	24	Soft White	C, CC-8	1000	850	3.13	4.44	
		10553	●☀	60A/CL	120	120	Clear	C, CC-8	1000	880	3.13	4.44	
		11224	●☀	60A/CL/RP	120	24	Clear	C, CC-8	1000	880	3.13	4.44	
		10555	●☀ ^{136,170}	60A/CL @ 120_volts, approximate 53 watts, 650 lumens, 2500 hours	130	120	Clear	C, CC-8	1000	855	3.13	4.44	
		10558	●☀ ¹⁷⁰	60A/CL/CVP @ 120_volts, approximate 53 watts, 650 lumens, 2500 hours	130	24	Clear	C, CC-8	1000	855	3.13	4.44	
		11180	●☀	60A/4/RP	120	48	Standard Frost	C, CC-8	1000	870	3.13	4.44	
		11214	●☀	60A/RP	120	24	Standard Frost	C, CC-8	1000	870	3.13	4.44	
		11373	●☀ ^{136,170}	60A @ 120_volts, approximate 53 watts, 650 lumens, 2500 hours	130	48	Standard Frost	C, CC-8	1000	855	3.13	4.44	
		10489	●☀ ^{136,170}	60A/CVP @ 120_volts, approximate 53 watts, 650 lumens, 2500 hours	130	24	Standard Frost	C, CC-8	1000	855	3.13	4.44	
		11715	●	60A/BLACKLIGHT/RP	120	6	Blacklight	C, CC-8	1000		3.13	4.44	
		10390	●	60A/Y/RP	120	24	Yellow Bug Light	C, CC-8	1000		3.13	4.44	
		10386	●	60A/Y/RP	130	24	Yellow Bug Light	C, CC-8	1000		3.13	4.44	
		10576	●	60A/SPK	120	24	Soft Pink	C, CC-8	1000		3.13	4.44	
		12280	●	60A/GRO	120	6	Spot-GRO	C, C-9	1000		3.13	4.44	
		Med Brass	13021		60A/RS/XL	120	24	Inside Frost Rough Service XL	C, C-9	5000	450	2.88	4.44
		12455	⁸⁰		60A/RS/XL @ 120_volts, approximate 53 watts, 340 lumens, 12500 hours.	130	24	Inside Frost Rough Service XL	C, C-9	5000	450	2.88	4.44
		10640	☉		60A	24	120	Inside Frost Dental Spot	C, C-9	1000	1010	3.13	4.44



BR30, BR40



PAR38



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GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
65	BR30	Med Brass	15177	2,46,57,155	65BR30/DL/FL/RP	120	6	Double Life Reflector Flood	C, CC-6	4000	510lm 300 cd 60°		5.38
	BR40	Med	15360	46,57,155	65BR/FL/24	120	24	Reflector Flood	C, CC-6	2000	580lm 390 cd 60°		6.50
			15678	46,57,155	65BR/FL/RP	120	6	Reflector Flood	C, CC-6	2000	580lm 390 cd 60°		6.50
			15679	46,57,106,136,155	65BR/CVP	130	6	Reflector Flood	C, CC-6	2000	540lm 390 cd 60°		6.50
			<i>@ 120_volts, approximate 57 watts, 410 lumens, 5000 hours.</i>										
	Med Brass		15332	46,57,155	65BR/DL/FL/RP	120	6	Double Life Reflector Flood	C, CC-6	4000	510lm 335 cd 60°		6.50
	PAR38	Med Skt	13804	136,173	65PAR/SP	120	15	Spot Super Saver	C, CC-6	1750	715lm 5500 cd 12°		5.31
			13802	136,173	65PAR/FL	120	15	Flood Super Saver	C, CC-6	1750	715lm 1700 cd 30°		5.31
			13805	136,173	65PAR/FL	130	15	Flood Super Saver	C, CC-6	1750	715lm 1700 cd 30°		5.31
			<i>@ 120_volts, approximate 57 watts, 540 lumens, 4375 hours</i>										
67	A19	Med	11394		75A/67/W/ES/4PK	120	48	Soft White Energy Saver	C, CC-8	750	1040	3.13	4.44
			11377		75A/67/SS	120	48	Standard Frost SuperSaver	C, CC-8	750	1050	3.13	4.44
			11381	136,175	75A/67/SS	130	48	Standard Frost SuperSaver	C, CC-8	750	1020	3.13	4.44
			<i>@ 120_volts, approximate 59 watts, 780 lumens, 1875 hours</i>										
	Med Brass		11385	108	75A/67/SSXL	120	48	Standard Frost SuperSaver XL	C, CC-8	2500	880	3.13	4.44
			11389	108,136,174	75A/67/SSXL	130	48	Standard Frost SuperSaver XL	C, CC-8	2500	860	3.13	4.44
			<i>@ 120_volts, approximate 59 watts, 660 lumens, 6250 hours</i>										
75	A19	Med	10863		75A/DAY/4/160/RP	120	160	Daylight	C, CC-8	750	850	3.13	4.44
			10865		75A/DAY/RP/4/48	120	48	Daylight	C, CC-8	750	850	3.13	4.44
			11102		75A/DAY/RP/2/24	120	24	Daylight	C, CC-8	750	850	3.13	4.44
			10776	102,136	75A/DAY/RP/4/48	130	48	Daylight	C, CC-8	750	850	3.13	4.44
			<i>@ 120_volts, approximate 66 watts, 650 lumens, 1875 hours.</i>										
			11331		75A/W/DL/SW/4PK/RP	120	48	Soft White Double Life	C, CC-8	1500	1055	3.13	4.44
			11337		75A/DL/SW/2PK/RP	120	24	Soft White Double Life	C, CC-8	1500	1055	3.13	4.44
			11175		75A/CL/DL/RP	120	24	Clear Double Life	C, CC-8	1500	1085	3.13	4.44
			13001		75A/RS/2/RP	120	24	Inside Frost Rough Service	C, C-9	1000	818	2.88	4.44
			12579		75A/RS/RP/1	120	12	Inside Frost Rough Service	C, C-9	1000	818	2.88	4.44
			12586	136,179	75A/RS/RP/1	130	24	Inside Frost Rough Service	C, C-9	1000	818	2.88	4.44
			<i>@ 120_volts, approximate 66 watts, 620 lumens, 2500 hours</i>										



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A21

A23

BR38

BR40

K19

GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)		
100	A19	Med	12709	136,193	100A/CVP	130	24	Standard Frost	C, CC-8	750	1700	3.13	4.44		
			<i>@ 120_volts, approximate 88 watts, 1290 lumens, 1875 hours</i>												
			12530		100A/LHT	120	120	Standard Frost Left Hand Thread	C, CC-8	750	1710	3.13	4.44		
		12763		100A/Y/RP	120	24	Yellow Bug Light	C, CC-8	1000		3.13	4.44			
		12766		100A/SPK/RP	120	24	Soft Pink	C, CC-8	1000		3.13	4.44			
		Med Brass	13023		100A/RS/XL	120	24	Inside Frost Rough Service XL	C, C-9	5000	840	2.88	4.44		
12559	82,136		100A/RS/XL	130	24	Inside Frost Rough Service XL	C, C-9	5000	1040	2.88	4.44				
<i>@ 120_volts, approximate 88 watts, 765 lumens, 12500 hours.</i>															
A21	Med	13218	83	100A21/VS	130	48	Inside Frost Vibration Service	C, C-9	1000	1340	3.88	5.31			
		<i>@ 120_volts, approximate 88 watts, 1020 lumens, 2500 hours.</i>													
		12866		100A21	120	48	Standard Frost	C, CC-8	750	1675	3.88	5.31			
		12883	136,192	100A21	130	48	Standard Frost	C, CC-8	750	1650	3.88	5.31			
		<i>@ 120_volts, approximate 88 watts, 1260 lumens, 1875 hours</i>													
		13404		100A21	230	24	Standard Frost	C, C-9	1000	1260	3.88	5.31			
		13406		100A21	250	24	Standard Frost	C, C-9	1000	1230	3.88	5.31			
		13397		100A21	277	24	Standard Frost	C, C-7A	1000	1042	3.88	5.31			
		12909		100A21/LHT	120	48	Standard Frost Left Hand Thread	C, CC-8	750	1675	3.88	5.31			
		Med Brass	12834	116	100A21/SL	120	48	Safeline Rhinocoat (Shatter Protected)	C, CC-8	750	1675	3.88	5.31		
12992	116		100A21/RS/SL/RP	120	12	Safeline Rough Service	C, C-9	1000	1260	3.13	4.44				
12906	108		100A21/99/XL	120	48	Standard Frost Excel	C, CC-8	2500	1400	3.88	5.31				
12946	108,136,191		100A21/99/XL	130	48	Standard Frost Excel	C, CC-8	2500	1440	3.88	5.31				
<i>@ 120_volts, approximate 88 watts, 1100 lumens, 6250 hours</i>															
A23	Med	12859		100A23	34	12	Inside Frost	C, C-9	1000	1800	4.38	6.06			
		Med Brass	13280	108	100A23/20	120	24	Clear Oven	C, C-9	750	1390	4.38	6.06		
BR38	Med Brass	15626	2,46,57,155	100/OPAR/FL/B/RP	120	6	Blue Reflector Flood	C, CC-6	2000			5.31			
		15627	2,46,57,155	100/OPAR/FL/G/RP	120	6	Green Reflector Flood	C, CC-6	2000			5.31			
		15623	2,46,57,155	100/OPAR/FL/R/RP	120	6	Red Reflector Flood	C, CC-6	2000			5.31			
		15622	2,46,57,155	100/OPAR/FL/Y/RP	120	6	Yellow Reflector Flood	C, CC-6	2000			5.31			
BR40	Med	14851	57,107,155	100BR/FL	120	24	Reflector Flood	C, CC-6	2000	935lm 900 cd 60°		6.50			
		14871	57,107,155	100BR/FL/RP	120	6	Reflector Flood	C, CC-6	2000	935lm 900 cd 60°		6.50			
		14847	57,107,136,155,194	100BR/FL	130	24	Reflector Flood	C, CC-6	2000	935lm 900 cd 60°		6.50			
<i>@ 120_volts, approximate 88 watts, 710 lumens, 5000 hours</i>															
K19	Med	12298		100K19/DR	120	24	Inside Frost Directional Reflector	C, CC-6	1150	1235		4.13			



PAR38



PS25



A23



BR40



ER40



A19



A21

GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
100	PAR38	Med Skt	13849	★ _{24,46,155}	100PAR38/HEAT/RED	120	15	Hard Glass PAR Heat Lamp with Red Lens	C	5000			
100 200 300	PS25	3 CONTACT Med	14374	●▼	100/300PS25/RP	120	12	Inside Frost 3-way 100/300W	C, CC-8	1200	1385lm 3540lm 4925lm	4.25	6.75
105	A23	Med Brass	13364	_{57,108}	K105A23/CL	125	24	Clear Krypton Filled ST Ltg	C, C-9	12000	1120	4.38	6.06
120	BR40	Med	15074	● _{2,46,57,107,155}	120BR40/FL/SL	130	24	RHINOCOAT Safeline Flood	C, CC-6	2000	1150lm 1000 cd 60°		6.50
					<i>@ 120_volts, approximate 105 watts, 850 lumens, 5000 hours</i>								
			14903	● _{2,46,57,107,155}	120BR/FL	120	24	Reflector Flood	C, CC-6	2000	1150lm 1000 cd 60°		6.50
			14896	● _{2,46,57,107,155}	120BR/FL/RP	120	6	Reflector Flood	C, CC-6	2000	1150lm 1000 cd 60°		6.50
			14899	● _{2,107,136,155,196}	120BR/FL	130	24	Reflector Flood	C, CC-6	2000	1150lm 1000 cd 60°		6.50
					<i>@ 120_volts, approximate 105 watts, 850 lumens, 5000 hours</i>								
			14888	● _{2,46,57,107,136,155,196}	120BR/FL/CVP	130	6	Reflector Flood	C, CC-6	2000	1150lm 1000 cd 60°		6.50
					<i>@ 120_volts, approximate 105 watts, 850 lumens, 5000 hours</i>								
			14911	● _{2,46,57,107,155}	120BR/SP	120	24	Reflector Spot	C, CC-6	2000	1150lm 3300 cd 25°		6.50
			14897	● _{2,46,57,107,155}	120BR/SP/RP	120	6	Reflector Spot	C, CC-6	2000	1150lm 3300 cd 25°		6.50
			14909	● _{2,46,57,107,136,155,196}	120BR/SP	130	24	Reflector Spot	C, CC-6	2000	1150lm 3300 cd 25°		6.50
					<i>@ 120_volts, approximate 105 watts, 850 lumens, 5000 hours</i>								
			14898	● _{2,46,57,155}	120BR/GRO	120	6	Spot-GRO Reflector	C, CC-6	2000			6.50
		Med Brass	14915	● _{2,46,57,107,155}	120BR/DL/FL/RP	120	6	Double Life Reflector Flood	C, CC-6	4000	960lm 835 cd 60°		6.50
	ER40	Med	15166	● _{2,46,57,107,155}	120ER40	120	24	Elliptical Reflector Flood	C, CC-6	2000	1370lm 2350 cd 30°		7.38
125	BR40	Med	15451	● _{57,155}	125BR40/HEAT/24PK	120	24	Reflector Infrared Heat Lamp	C, C-9	4000			6.50
			14952	● _{57,155}	125BR40/1/RP	120	6	Reflector Infrared Brooder Bulb	C, CC-6	5000			6.50
135	A19	Med Brass	12831	● _{3,108,136}	150A/135/SS/XL	130	120	Standard Frost SuperSaver XL	C, CC-8	2500	2050	3.13	4.44
					<i>@ 120_volts, approximate 119 watts, 1560 lumens, 6250 hours</i>								
	A21	Med	12820	●	150A21/135/SS	120	48	Standard Frost SuperSaver	C, CC-8	750	2450	3.88	5.50
			12863	● _{4,136}	150A21/135/SS	130	48	Standard Frost SuperSaver	C, CC-8	750	2450	3.88	5.50
					<i>@ 120_volts, approximate 119 watts, 1870 lumens, 1875 hours</i>								



A21

A23

PAR46

PAR56

PS25

PS30

BR38

BR40

GENERAL PURPOSE LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Description	Class & Filament	Avg Rated Life(hrs)	Lumens Beam Angle CBCP	LCL (in)	MOL (in)
200	A21	Med	13107	●	200A21	120	24	Soft White Recessed Ceiling	C, CC-8	750	3650	3.88	5.31
			15476	●	200A21/CL/RP	120	12	Clear Utility Light	C, CC-8	750	3880	3.88	5.31
			15491	● ^{21,136}	200A21/CL @ 120_volts, approximate 176 watts, 2860 lumens, 1875 hours	130	48	Clear	C, CC-8	750	3880	3.88	5.31
			15499	●	200A21/RP	120	12	Standard Frost Utility Light	C, CC-8	750	3850	3.88	5.31
			15543	● ^{21,136}	200A21 @ 120_volts, approximate 176 watts, 2860 lumens, 1875 hours	130	48	Standard Frost	C, CC-8	750	3760	3.88	5.31
	Med Brass		15555	● ^{22,136}	200A21/99/XL @ 120_volts, approximate 176 watts, 2220 lumens, 6750 hours	125	48	Standard Frost Excel	C, CC-8	2500	2910	3.88	5.31
A23	Med		15458	● ^{15,136}	200A23/RS	130	48	Inside Frost Rough Service	C, C-17	1000	2920	4.38	5.88
			15505	●	200A23	120	48	Inside Frost	C, CC-8	750	3930	4.63	6.06
PAR46	Med Side Prong		15191	★ ^{57,117,188}	200PAR46/3NSP	120	12	Narrow Spot	C, CC-13	2000	2270lm 31000 cd 8x12 VH		4.00
			15194	★ ^{57,117,188}	200PAR46/3MFL	120	12	Med Flood	C, CC-13	2000	2270lm 11500 cd 15x25 VH		4.00
			15196	★ ^{57,117,188}	200PAR46/3MFL 125-	125	12	Med Flood	C, CC-13	2000	2270lm 11500 cd 15x25 VH		4.00
PAR56	Mag End Prong		15007	★ ^{57,117,188}	200PAR56/MFL	120	12	Med Flood Clear	C, CC-13	2000	2270lm 15000 cd 15x20 VH		5.00
	Screw Term		14968	★	200PAR56	30	12	Locomotive Headlamp	C, CC-8	500	3700lm 27000 cd 9x9 VH		4.50
PS25	Med		15600	● ^{20,136}	200PS25 @ 120_volts, approximate 176 watts, 2820 lumens, 1875 hours	130	60	Inside Frost	C, CC-6	750	3700	5.25	6.94
	Med Brass		15818	● ^{17,136}	200PS25/99/XL @ 120_volts, approximate 176 watts, 2360 lumens, 6250 hours	130	60	Inside Frost Excel-Line	C, CC-6	2500	3000	5.25	6.94
PS30	Med		15675	● ^{16,136}	200PS/23	130	60	Inside Frost Rough Service	C, C-9	1000	3080	6.00	8.06
			15653	● ^{18,136}	200PS/IF @ 120_volts, approximate 176 watts, 2710 lumens, 1875 hours	130	60	Inside Frost	C, C-9	750	3560	6.00	8.06
			15820	●	200/CL	277	60	Clear	C, C-9	1000	2360	6.00	8.06
	Med Brass		15687	116	200PS/23/SL	120	60	Safeline Rough Service	C, C-9	1000	3080	6.00	8.06
			15648	116	200PS/SL	120	60	Safeline	C, C-9	1000	3080	6.00	8.06
			15725	14,136	200PS/CL/99/XL @ 120_volts, approximate 176 watts, 2190 lumens, 6250 hours	130	60	Clear Excel-Line	C, C-9	2500	2875	6.00	8.06
202	PS25	Med Brass	15581	57	202PS25/CL	125	60	Clear Street Lighting Group Replacement	C, C-9	6000	2750	5.25	6.94
250	BR38	Med Brass	14661	★ ^{25,46,136}	250K/BR38/FL @ 120_volts, approximate 220 watts, 2360 lumens, 10000 hours	125	12	Reflector Flood Krypton	C, CC-6	4000	3100		5.81
	BR40	Med	14665	● ^{24,46,57,155}	250BR40	120	12	Reflector IR Heat Lamp Clear	C, CC-6	5000			6.50
			14664	● ^{24,46,57,155}	250BR40/1	120	6	Reflector IR Heat Lamp Clear	C, CC-6	5000			6.50

HOW TO READ PRODUCT INFORMATION - TUNGSTEN HALOGEN

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Beam Type	Class & Filament	Avg Rated Life (hrs)	Approx Lumens	CBCP	Beam Angle	LCL (in)	MOL (in)
40	T4	G9	57017	☀ 5,10	40T4/G9/F/BL	120	10	Frosted		C, CC-2V	2000	480			1.00	1.88
60	PAR38	E26 Med Skt	14466	☀★☒Ⓢ 10,11	60PAR/CAP/IR/FL30	120	15		Flood	CC-8	3000	1110	3600	30		5.31
50	PAR30LN	E26 Med	14520	☀★☒Ⓢ 10,19,20	50PAR30LN/HAL/NFL25	120	15		Narrow Flood	CC-8	2500	660	2300	25		4.63

Bulb	Describes the shape of the bulb followed by the bulb's major diameter given in eighths of an inch. See page 42: Halogen Lamps.
Base	See page 42: Base Identification.
Symbols & Footnotes	All symbols and footnotes that apply to a specific product will appear in this space. The explanations of the symbols and footnotes are at the end of the halogen section on page 64.
Lamp Finish	Applies only to non-reflector type lamps, usually either clear or frosted.
Beam Type	Applies only to reflector type lamps. Describes the beam angle qualitatively as either a spot or a flood, etc.

How to Read Ordering Abbreviations

40T4/G9/F/BL		60PAR/CAP/IR/FL30		50PAR30LN/HAL/NFL25	
40	Nominal lamp wattage	60	Nominal lamp wattage	50	Nominal lamp wattage
T4/G9	T4 lamp with G9 base	PAR	Bulb shape PAR38	PAR30LN	Bulb shape PAR30 Long Neck
F	Frosted finish	CAP	CAPSYLITE lamp	HAL	Halogen lamp
BL	Blister Card Package	IR	Infrared conserving capsule	NFL25	Narrow Flood beam 25 degrees
		FL30	Flood beam 30 degrees		

ANSI BEAM ANGLE DESIGNATION

Beam angles for reflector lamps are designated to conform with ANSI C78.379 -Classification of the Beam Patterns of Reflector Lamps. For beam angles less than 13°, beam angles are rounded to the nearest whole number. For beam angles between 13° and 50°, values are rounded to the nearest 5°. For beam angles 50° and greater, the value is rounded to the nearest 10°. As an example, a family of lamps with an average beam angle of 13° is classified as 15°, and a family of lamps with an average beam angle of 54° would be classified as 50°.

LIFE RATING

The average rated life for 130V tungsten halogen lamps operated at 120V is conservatively estimated to be approximately 2 times the life when operated at 130V.

ANSI CODE REFERENCE GUIDE

ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS
BAB	58301	20MR16/T/FL35/C	12	ETD	58757	100Q/DC	120	FMW	58305	35MR16/T/FL35/C	12
EHM	58998	300T3Q/CL	120	ETF	58737	150Q/DC	120	FNV	58310	50MR16/T/WFL60/C	12
EHT	58762	250Q/CL/MC	120	ETG	58735	150Q/CL/MC/2	120	FPA	58311	65MR16/T/SP10/C	12
ESL	58738	150Q/CL/MC	120	ETH	58736	150Q/MC	120	FPB	58313	65MR16/T/FL35/C	12
ESM	58763	250Q/MC	120	EVR	58766	500Q/CL/MC	120	FPC	58312	65MR16/T/NFL25/C	12
ESN	58761	100Q/CL/MC	120	EXN	58309	50MR16/T/FL35/C	12	FRB	58303	35MR16/T/SP10/C	12
ESP	58742	150Q/CL/DC/1	120	EXT	58307	50MR16/T/SP10/C	12	FTB	55133	20MR11/T/SP10/C	12
ESR	58755	100Q/CL/DC	120	EXZ	58308	50MR16/T/NFL25/C	12	FTD	55134	20MR11/T/FL35/C	12
ESS	58720	250Q/CL/DC	120	EYV	58768	500Q/MC	130	FTE	55135	35MR11/T/SP10/C	12
ESX	58300	20MR16/T/SP10/C	12	EYW	58756	500Q/CL/MC	130	FTH	55136	35MR11/T/FL35/C	12
ETB	58753	250Q/DC	120	EYX	58767	500Q/MC	120				
ETC	58741	150Q/CL/DC	120	FCL	58996	500T3Q/CL	120				



T3

SUPERQ SINGLE END HALOGEN LAMPS

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	LCL (in)	MOL (in)
150	T4	Min Can	58738	123,139	150Q/CL/MC(ESL)	120	12	Clear	C,CC-2V	1000	2800 2950	1.38	2.75
			58735	123,139	150Q/CL/MC/2(ETG)	120	12	Clear	C,CC-8	2000	2800 2950	1.50	3.00
			58733	123,139	150Q/CL/MC	130	12	Clear	C,CC-2V	1000	2800 2950	1.38	2.75
			58736	123,139	150Q/MC(ETH)	120	12	Frosted	C,CC-8	2000	2700 2950	1.50	3.00
250	T4	DC Bayonet	58720	123,139	250Q/CL/DC(ESS)	120	12	Clear	C,CC-8	2000	5000 2950	1.63	3.13
			58753	123,139	250Q/DC(ETB)	120	12	Frosted	C,CC-8	2000	4850 2950	1.63	3.13
			58754	123,139	250Q/DC	130	12	Frosted	C,CC-8	2000	4850 2950	1.63	3.13
		Min Can	58762	123,139	250Q/CL/MC(EHT)	120	12	Clear	C,CC-8	2000	5000 2950	1.63	3.13
			58764	123,139	250Q/CL/MC	130	12	Clear	C,CC-8	2000	5000 2950	1.63	3.13
			58763	123,139	250Q/MC(ESM)	120	12	Frosted	C,CC-8	2000	4850 2950	1.63	3.13
			58765	123,139	250Q/MC	130	12	Frosted	C,CC-8	2000	4850 2950	1.63	3.13
500	T4	Min Can	58766	123,139	500Q/CL/MC(EVR)	120	12	Clear	C,CC-8	2000	10450 2950	2.00	3.75
			58756	123,139	500Q/CL/MC(EYW)	130	12	Clear	C,CC-8	2000	10000 2950	2.00	3.75
			58767	123,139	500Q/MC(EYX)	120	12	Frosted	C,CC-8	2000	10100 2950	2.00	3.75
			58768	123,139	500Q/MC(EYV)	130	12	Frosted	C,CC-8	2000	10000 2950	2.00	3.75

DOUBLE END QUARTZ LAMPS

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	LCL (in)	MOL (in)
100	T3	RSC	58999	123,139	100T3Q/S/CL	120	20	Clear	C,C-8	2000	1600 2950		3.13
			58887	123,139	100T3Q/S/CL/RP	120	6	Clear	C,C-8	2000	1600 2950		3.13
150	T3	RSC	59001	123,139	150T3Q/S/CL	120	20	Clear	C,C-8	2000	2400 2950		3.13
			58886	123,139	150T3Q/S/CL/RP	120	6	Clear	C,C-8	2000	2400 2950		3.13
			58885	123,139	150T3Q/CL/RP	120	6	Clear	C,C-8	1500	2250 2950		4.69
200	T3	RSC	59003	123,139	200T3Q/CL	120	20	Clear	C,C-8	2000	3350 2950		4.69
300	T3	RSC	58998	123,139	300T3Q/CL(EHM)	120	20	Clear	C,C-8	2000	6000 2950		4.69



T3



T3



BT4



BT4

DOUBLE END QUARTZ LAMPS

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	LCL (in)	MOL (in)
300	T3	RSC	58920	123,139	300T3Q/CL/FP(EHM)	120	6	Clear	C,C-8	2000	6000 2950		4.69
			59000	123,139	300T3Q/CL	130	20	Clear	C,C-8	2000	6000 2950		4.69
500	T3	RSC	58996	123,139	500T3Q/CL(FCL)	120	20	Clear	C,C-8	2000	8750 2950		4.69
			58865	123,139	500T3Q/CL/FP(FCL)	120	6	Clear	C,C-8	2000	8750 2950		4.69
			58997	123,139	500T3Q/CL	130	20	Clear	C,C-8	2000	8750 2950		4.69
1000	T3	RSC	58948	123,139	1000T3Q/CL	240	12	Clear	C,C-8	2000	21500 2950		10.06
1500	T3	RSC	58859	123,139	1500T3Q/CL	208	12	Clear	C,C-8	2000	33000 2950		10.06
			58857	123,139	1500T3Q/CL	240	12	Clear	C,C-8	2000	33000 2950		10.06
			58858	123,139	1500T3Q/CL	277	12	Clear	C,C-8	2000	33000 2950		10.06

OSRAM MINISTAR LAMPS

Suitable for use in unshielded fixtures. Consult most recent luminaire standards for your area to determine luminaire requirements.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	Beam Angle	MOL (in)
10	T3	G4 Bipin	58520	72,84,123,145	10T3Q/MINISTAR/S	12	40	FL	C,C-8	2000	3000	80	35 x 60 1.31
20	T3	G4 Bipin	58521	72,84,123,145	20T3Q/MINISTAR/S	12	40	FL	C,C-8	2000	3000	120	35 x 60 1.31
	BT4	GY6.35 Bipin	58518	72,84,123,145	20BT4Q/MINISTAR/AX	12	40	FL	C,C-8	2000	3000	800	20 1.75
35	BT4	GY6.35 Bipin	58519	72,84,123,145	35BT4Q/MINISTAR/AX	12	40	FL	C,C-8	2000	3000	1000	30 1.75

BI-PIN IR LAMPS

UV Filter capsule with axial filament and infrared reflective coating. Suitable for use in unshielded fixtures. Consult most recent luminaire standards for your area to determine luminaire requirements.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	LCL (in)	MOL (in)
25	BT4	GY6.35 Bipin	58897	145	25BT4Q/IR	12	40	Clear	C,AXIAL	4000	450 3000	1.13	1.75
35	BT4	GY6.35 Bipin	58896	145	35BT4Q/IR	12	40	Clear	C,AXIAL	4000	800 3000	1.13	1.75