

FILAMENTS



CC-8



CC-2V



CC-6



Axial (AX)



Transverse (TR)



C-8 Double End

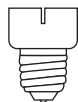
BASES



CC-8
Miniature Screw



E11 Mini can



E26 Medium Skt.



E26 Medium



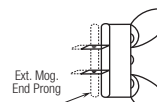
Recessed Single Contact
RSC
R7s



Screw Term.



DC Bayonet
B15d
BA15d



Mogul End Prong



G4



G9



G53



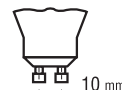
GY 6.35



GU4



GU5.3



GU10



Med Side Pr.

LAMPS



A19



F17



T4 BI-PIN



T4 G9



MR16, MR11



PAR14



PAR16



PAR16 GU10



R20



BR30, BR40



PAR20



PAR30



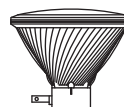
PAR30LN



PAR36
Medium Skt.



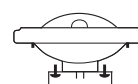
PAR38



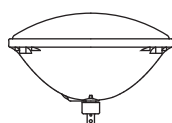
PAR38
Medium Side Prong



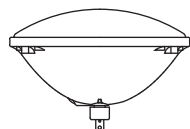
AR70



AR111



PAR56 Mog End Pr



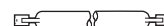
PAR64 Mog End Pr



T4 DC Bayonet



T3, T4 Mini Can



T3, T4 RSC Double End



B11

HOW TO READ PRODUCT INFORMATION – HALOGEN

Nominal Wattage	Bulb Shape	MOL (in)	Base	Product Number	Ordering Abbreviation	Finish	Pkg Qty	Average Rated Life (hrs)	Initial Lumens	CCT	CRI	Filament	Life (years)	Cost per Year	Notes
Bulb Describes the shape of the bulb followed by the bulb's major diameter given in eighths of an inch. See page 14: Halogen lamps.															
Base Base Identification. See page 14: Bases.															
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.															
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/CL/BL				60PAR38/HAL/IR/NFL25/DL				60PAR30LN/HAL/S/WFL50			
40	Nominal lamp wattage			60	Nominal lamp wattage			60	Nominal lamp wattage		
T4/G9	T4 lamp with G9 base			PAR38	Bulb shape PAR38			PAR30LN	Bulb shape PAR30 Long Neck		
F, CL	Frosted finish, clear finish			HAL	Halogen lamp			HAL	Halogen lamp		
BL	Blister Card Package			IR	Infrared conserving capsule			S	Silver coated reflector		
				NFL25	Flood beam 25 degrees			WFL50	Wide Flood beam 50 degrees		
				DL, TL	Double Life, Triple Life						

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 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	ETC	58741	150Q/CL/DC	120	FCL	58996	500T3Q/CL	120
EHM	58998	300T3Q/CL	120	ETG	58735	150Q/CL/MC/2	120	FMW	58305	35MR16/T/FL35/C	12
EHT	58762	250Q/CL/MC	120	ETH	58736	150Q/MC	120	FNV	58310	50MR16/T/WFL60/C	12
ESL	58738	150Q/CL/MC	120	EVR	58766	500Q/CL/MC	120	FRB	58303	35MR16/T/SP10/C	12
ESM	58763	250Q/MC	120	EXN	58309	50MR16/T/FL35/C	12	FTB	55133	20MR11/T/SP10/C	12
ESN	58761	100Q/CL/MC	120	EXZ	58308	50MR16/T/NFL25/C	12	FTD	55134	20MR11/T/FL35/C	12
ESR	58755	100Q/CL/DC	120	EYV	58768	500Q/MC	130	FTE	55135	35MR11/T/SP10/C	12
ESS	58720	250Q/CL/DC	120	EYW	58756	500Q/CL/MC	130	FTH	55136	35MR11/T/FL35/C	12
ESX	58300	20MR16/T/SP10/C	12	EYX	58767	500Q/MC	120				



PAR38



PAR38

DIRECTIONAL HALOGEN REFLECTOR LAMPS (CONT.)

CAPSYLITE® PAR38 Halogen Reflector Lamps (Cont.)

							Average Rated Life (hrs)						Life in Years¹	Cost per Year²	Notes
Nominal Wattage	Bulb Shape	MOL (in)	Base	Product Number	Ordering Abbreviation	Pkg Qty		Beam Angle	Initial Lumens	CBCP	CCT	CRI			
CAPSYLITE PAR38 Reflector Lamps – DOUBLElife™, 3000 hours – 120V (cont.)															
80	PAR38	5.31	E26 Medium Skirted	16593	80PAR38/HAL/IR/SP10/DL 120V	10	3000	10	1305	21600	2900	100	2.7	\$9.64	★ 10 2,5,6
				16594	80PAR38/HAL/IR/NFL25/DL 120V	10	3000	25	1305	6000	2900	100	2.7	\$9.64	★ 10 2,5,6
				16595	80PAR38/HAL/IR/WFL50/DL 120V	10	3000	50	1305	2300	2900	100	2.7	\$9.64	★ 10 2,5,6
CAPSYLITE PAR38 Reflector Lamps – Single Life, 1500 hours – 120V															
39	PAR38	5.31	E26 Medium Skirted	16728	39PAR38/HAL/SP10 120V	10	1500	10	550	7700	2850	100	1.4	\$4.70	★ 10 2,5,6
				16729	39PAR38/HAL/NFL25 120V	10	1500	25	550	2100	2850	100	1.4	\$4.70	★ 10 2,5,6
50	PAR38	5.31	E26 Medium Skirted	16734	50PAR38/HAL/S/SP10 120V	10	1500	10	850	11900	2875	99	1.4	\$6.02	★ 10 2,5,6
				16735	50PAR38/HAL/S/NFL25 120V	10	1500	25	850	3300	2875	99	1.4	\$6.02	★ 10 2,5,6
60	PAR38	5.31	E26 Medium Skirted	16737	60PAR38/HAL/S/SP10 120V	10	1500	10	1070	14900	2900	99	1.4	\$7.23	★ 10 2,5,6
				16738	60PAR38/HAL/S/NFL25 120V	10	1500	25	1070	4100	2900	99	1.4	\$7.23	★ 10 2,5,6
				16740	60PAR38/HAL/S/NFL25/CVP/6 120V	6	1500	25	1070	4100	2900	99	1.4	\$7.23	★ 10 2,5,6
70	PAR38	5.31	E26 Medium Skirted	16742	70PAR38/HAL/S/SP10 120V	10	1500	10	1305	18200	2925	99	1.4	\$8.43	★ 10 2,5,6
				16743	70PAR38/HAL/S/NFL25 120V	10	1500	25	1305	5100	2925	99	1.4	\$8.43	★ 10 2,5,6
				16745	70PAR38/HAL/S/NFL25/RP 120V	6	1500	25	1305	5100	2925	99	1.4	\$8.43	★ 10 2,5,6
				16746	70PAR38/HAL/S/WFL50 120V	10	1500	50	1305	1900	2925	99	1.4	\$8.43	★ 10 2,5,6
80	PAR38	5.31	E26 Medium Skirted	16747	80PAR38/HAL/S/SP10 120V	10	1500	10	1545	21600	2950	99	1.4	\$9.64	★ 10 2,5,6
				16748	80PAR38/HAL/S/NFL25 120V	10	1500	25	1545	6000	2950	99	1.4	\$9.64	★ 10 2,5,6
				16751	80PAR38/HAL/S/WFL50 120V	10	1500	50	1545	2300	2950	99	1.4	\$9.64	★ 10 2,5,6
CAPSYLITE PAR38 Reflector Lamps – Single Life, 1500 hours – 130V															
39	PAR38	5.31	E26 Medium Skirted	16732	39PAR38/HAL/SP10 130V	10	1500	10	50	700	2850	100	1.4	\$4.70	★ 10 2,5,6
				16733	39PAR38/HAL/NFL25 130V	10	1500	25	550	2100	2850	100	1.4	\$4.70	★ 10 2,5,6
CAPSYLITE PAR38 Reflector Lamps – Medium Side Prong – 120V															
75	PAR38	5.31	Med Side Prong	13850	75PAR38/3FL 120V	12	2000	30	1040	1800	2850	100	1.8	\$9.03	★ 10 2,5,6
90	PAR38	5.31	Med Side Prong	14630	90PAR38/HAL/3WSP12 120V	15	2500	12	1310	14300	2925	100	2.3	\$10.84	★ 10 2,5,6
				14632	90PAR38/HAL/3FL30 120V	15	2500	30	1310	500	2925	100	2.3	\$10.84	★ 10 2,5,6
CAPSYLITE PAR38 Reflector Lamps – 250W Lamps – 120V															
250	PAR38	5.31	E26 Medium Skirted	15526	250PAR38/HAL/SP10 120V	6	4500	10	3600	46500	3025	100	4.1	\$30.11	★ 10 2,5,6
				15558	250PAR38/HAL/FL30 120V	6	4500	30	3600	9000	3025	100	4.1	\$30.11	★ 10 2,5,6
CAPSYLITE PAR38 Reflector Lamps – Colored Lamps – 120V															
100	PAR38	5.31	E26 Medium Skirted	13932	100PAR38/FL/Y/RP 120V	6	2000	30	Yellow	–	–	–	–	–	★ 10 2,5,6
				13933	100PAR38/FL/R/RP 120V	6	2000	30	Red	–	–	–	–	–	★ 10 2,5,6
				13934	100PAR38/FL/A/RP 120V	6	2000	30	Amber	–	–	–	–	–	★ 10 2,5,6
				13948	100PAR38/FL/B/RP 120V	6	2000	30	Blue	–	–	–	–	–	★ 10 2,5,6
				13949	100PAR38/FL/G/RP 120V	6	2000	30	Green	–	–	–	–	–	★ 10 2,5,6

¹ Life in Years based on 3 hours operation per day.² Cost per Year based on 3 hours per day, \$0.11 per KWh.

NOTES FOR HALOGEN LAMPS

Symbol	Description
●	Indicates aluminum base.
▼	Operate base down to horizontal.
★	Heat resistant, hard glass.
☐	PAR lamps are suitable for indoor and outdoor use.
Ⓢ	This lamp or ballast meets minimum Federal efficiency standards.
♻️	This ECOLOGIC® lamp was designed to pass the Federal TCLP criteria for classification as non-hazardous waste in most states. Disposal regulations may vary; check local and state regulations.

Footnote	Description
1	Designed for service other than illumination.
2	Suitable for indoor and outdoor use.
3	For indoor use only.
4	Because this bulb radiates considerable heat, do not use in enclosed, close fitting fixtures, or in close proximity to people, combustible materials or substances adversely affected by heat or drying.
5	Even though this bulb may continue to light after the outer bulb, lens or reflector is cracked or broken, it should be replaced as soon as possible since the pressure filled inner capsule could unexpectedly shatter, creating a risk of personal injury or property damage. In addition, the inner capsule produces ultraviolet radiation that can cause injury to the eyes and skin with prolonged exposure without the blocking effect of the outer glass bulb.
6	To avoid electric shock and/or skin burns, turn off power and allow bulb to cool before handling or attempting replacement.
7	For indoor or outdoor use where not directly exposed to weather. Exposure to weather may damage the bulb.
8	Lamp may not be operated on a dimmer or DC current.
9	Complies with part 15 of FCC rules.
10	Use only in fixtures designed to adequately dissipate heat from lamp.
11	A protective shield must be used external to the lamp.
12	A suitable protective shield, screening technique or both must be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.