

## 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
<b>Bulb</b>		Describes the shape of the bulb followed by the bulb's major diameter given in eighths of an inch. See page 14: Halogen lamps.													
<b>Base</b>		Base Identification. See page 14: Bases.													
<b>Symbols &amp; Footnotes</b>		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.													
<b>Lamp Finish</b>		Applies only to non-reflector type lamps, usually either clear or frosted.													
<b>Beam Type</b>		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				

<sup>1</sup> Life in years based on 3 hours operation per day.  
<sup>2</sup> Cost per Year based on 3 hours per day, \$0.11 per kWh.



PAR30

HALOGEN

DIRECTIONAL HALOGEN REFLECTOR LAMPS (cont.)

CAPSYLITE® PAR30 Halogen Reflector Lamps (Meet DOE 2009 IRL Rule Making Efficacy Standards) (cont.)

CAPSYLITE PAR30 Reflector Lamps – Single Life, 1500 Hours (120V)

Nominal Wattage	Bulb Shape	MOL (in)	Base	Product Number	Ordering Abbreviation	Pkg Qty	Average Rated Life (hrs)	Beam Angle	Initial Lumens	CBCP	CCT (K)	CRI	Life in Years <sup>1</sup>	Cost per Year <sup>2</sup>	Notes
39	PAR30	3.63	E26 Medium	16117	39PAR30/HAL/SP10 120V	10	1500	10	550	6100	2850	100	1.4	\$7.23	(E)★☑☑☑2,5,6
				16118	39PAR30/HAL/NFL25 120V	10	1500	25	550	1700	2850	100	1.4	\$7.23	(E)★☑☑☑2,5,6
				16119	39PAR30/HAL/WFL50 120V	10	1500	50	550	600	2850	100	1.4	\$7.23	(E)★☑☑☑2,5,6
50	PAR30	3.63	E26 Medium	16124	50PAR30/HAL/S/SP10 120V	10	1500	10	850	9500	2875	99	1.4	\$6.02	(E)★☑☑☑2,5,6
				16125	50PAR30/HAL/S/NFL25 120V	10	1500	25	850	2600	2875	99	1.4	\$6.02	(E)★☑☑☑2,5,6
				16126	50PAR30/HAL/S/WFL50 120V	10	1500	50	850	1000	2875	99	1.4	\$6.02	(E)★☑☑☑2,5,6
60	PAR30	3.63	E26 Medium	16127	60PAR30/HAL/S/SP10 120V	10	1500	10	1070	12000	2875	99	1.4	\$7.23	(E)★☑☑☑2,5,6
				16128	60PAR30/HAL/S/NFL25 120V	10	1500	25	1070	3300	2875	99	1.4	\$7.23	(E)★☑☑☑2,5,6
				16129	60PAR30/HAL/S/WFL50 120V	10	1500	50	1070	1300	2875	99	1.4	\$7.23	(E)★☑☑☑2,5,6

CAPSYLITE PAR30 Reflector Lamps – Single Life, 1500 Hours (130V)

Nominal Wattage	Bulb Shape	MOL (in)	Base	Product Number	Ordering Abbreviation	Pkg Qty	Average Rated Life (hrs)	Beam Angle	Initial Lumens	CBCP	CCT (K)	CRI	Life in Years <sup>1</sup>	Cost per Year <sup>2</sup>	Notes
39	PAR30	3.63	E26 Medium	16121	39PAR30/HAL/SP10 130V	10	1500	10	550	6100	2850	100	1.4	\$4.70	★☑☑☑2,5,6
				16122	39PAR30/HAL/NFL25 130V	10	1500	25	550	1700	2850	100	1.4	\$4.70	★☑☑☑2,5,6
				16123	39PAR30/HAL/WFL50 130V	10	1500	50	550	600	2850	100	1.4	\$4.70	★☑☑☑2,5,6

<sup>1</sup> Life in Years based on 3 hours operation per day.  
<sup>2</sup> Cost per Year based on 3 hours per day, \$0.11 per kWh.

For the current listing of available products and more complete product information, please visit us at [www.sylvania.com](http://www.sylvania.com).