

Made Here. Made Better.



A substantial amount of OSRAM SYLVANIA products sold in NAFTA are assembled or made in the USA. SYLVANIA operates 15 manufacturing facilities, 8 R&D labs, and 2 corporate technology centers right here in the USA. OSRAM SYLVANIA offers a world of money saving opportunities that are made right here at home. We help design a solution that includes energy saving products as well as the latest in lighting controls to reduce energy consumption and ultimately save you money. As experts in LED lighting and design, we

can help your company take full advantage of the latest technologies, which can be customized to your needs. The savings generated from SYLVANIA energy-efficient lighting systems will save you money today and in the years to come. This results in savings you can invest and use to stimulate your business even more.

OSRAM SYLVANIA Leads Sustainability in Lighting

Recognized for our achievements:



20% absolute corporate greenhouse gas emissions reduction in 5 years (exceeded 10% goal)



12.5% product energy intensity reduction in 5 years



10-year ENERGY STAR® Partner of the Year



Member of National Clean Fleets Partnership



Member of USGBC since 2003



Member of EPA SmartWay™ Transport Partnership since 2008



Platinum Sponsor of Green Parking Council since 2012

US DOE Workplace Charging Challenge Partner

OSRAM SYLVANIA is a sustainability leader, focusing on reducing environmental impact of products and processes for our company and for our customers.

Lead-Free Manufacturing

- Fluorescent manufacturing in Versailles, Kentucky
- Electronic ballast manufacturing

Made in the U.S.A.

- OSRAM SYLVANIA operates manufacturing and assembly facilities in the United States
- All NAFTA facilities ISO 14001 certified

www.sylvania.com/sustainability

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



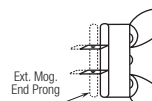
Recessed Single Contact
RSC
R7s



Screw Term.



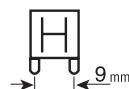
DC Bayonet
B15d
BA15d



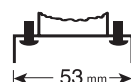
Ext. Mog.
End Prong
Mogul End Prong



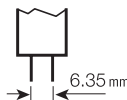
G4



G9



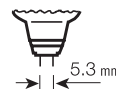
G53



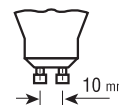
GY 6.35



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



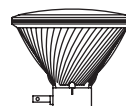
PAR30LN



PAR36
Medium Skt.



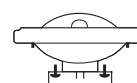
PAR38



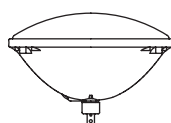
PAR38
Medium Side Prong



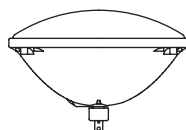
AR70



AR111



PAR56 Mog End Pr
¹ Life in Years based on 3 hours operation per day.



PAR64 Mog End Pr



T4 DC Bayonet



T3, T4 Mini Can



T3, T4 RSC Double End



B11

² 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.

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				

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.



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 ¹	Cost per Year ²	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 ¹	Cost per Year ²	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

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.

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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.