

CAPSYLITE® G9 LAMPS

Halogen Lamps



SYLVANIA CAPSYLITE® G9 lamps are the first line voltage halogen capsules that are suitable for use in unshielded fixtures.*

The innovative CAPSYLITE G9 pinched quartz lamp structure eliminates arcing sources and creates a self-fusing lamp. It combines a bright, compact source with UV-Filter quartz, which means the CAPSYLITE G9 allows small, sleek fixtures to be designed without the need for expensive transformers and heavy glass shields.

The "G9" in CAPSYLITE G9 is the base designation. The new base is a simple snap in/pull out design that is perfect for getting lamps into and out of small fixtures.

The long life and energy efficiency of CAPSYLITE G9 lamps make them ideal for use in residential, commercial and industrial buildings.

Key Features & Benefits

- 2000 hour average rated life
- UV Filter quartz
- Bright white, high quality halogen light
- 120 Volt operation
- May be operated in open fixtures*
- Available with either clear or frosted finish
- Snap-in G9 base

ECOLOGIC® is a comprehensive program of OSRAM SYLVANIA focused on addressing environmental issues at all stages of lamp life.



Product Family

Product	Wattages	Finish
CAPSYLITE G9	25	Clear
	40	Clear, Frosted
	60	Clear, Frosted

* SYLVANIA does not require lamp containment shielding. Consult most recent UL standards for luminaire requirements.

Application Information

Applications

- Small Aperture Down Lighting
- Residential and Commercial Applications
- Task Lighting

Application Notes

1. Lamp may be used in open fixtures
2. No additional fusing is necessary
3. Lamp may be burned in any position
4. UV stop quartz glass for protection of light sensitive materials



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	Date

Ordering Information

Item Number	Ordering Abbreviation	Finish	Watts	Average Rated Life (hrs.)	Volts	Lumens	LCL (in.)	MOL (in.)	Figure
57020	25CAPSYLITE/G9/CL	Clear	25	2000	120	255	0.88	1.69	1
57022	40CAPSYLITE/G9/CL	Clear	40	2000	120	510	0.88	1.69	1
57033	40CAPSYLITE/G9/CL/BL	Clear	40	2000	120	510	0.88	1.69	1
57025	40CAPSYLITE/G9/F	Frosted	40	2000	120	480	0.88	1.69	1
57017	40CAPSYLITE/G9/F/BL	Frosted	40	2000	120	480	0.88	1.69	1
57023	60CAPSYLITE/G9/CL	Clear	60	2000	120	830	1.06	2.00	2
57035	60CAPSYLITE/G9/CL/BL	Clear	60	2000	120	830	1.06	2.00	2
57024	60CAPSYLITE/G9/F	Frosted	60	2000	120	790	1.06	2.00	2

Ordering Guide

40	CAPSYLITE	/	G9	/	CL	/	BL
Wattage: 40W	SYLVANIA CAPSYLITE® Capsule		Base Type G9		Finish CL = Clear Finish F = Frosted		Packaging — = Carton BL = Blister Card

Technical Information

Dimensions

Figure	Diameter (D)	Light Center Length (H)	Maximum Overall Length (C)
1	9/16" (14mm)	0.88" (22mm)	1.69" (43mm)
2	9/16" (14mm)	1.06" (27mm)	2" (51mm)

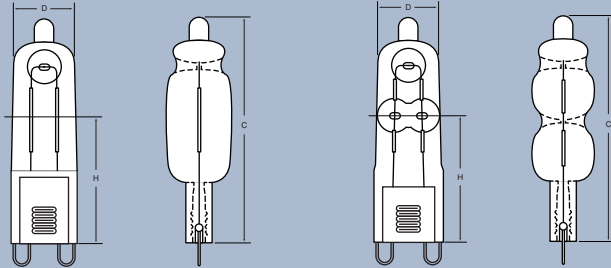
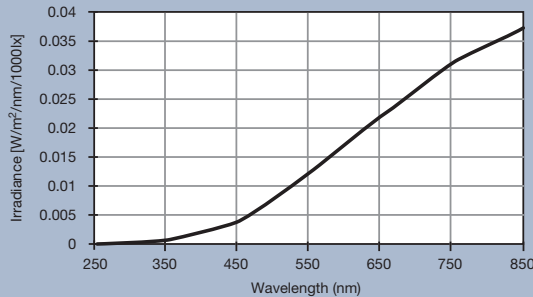


Figure 1

Figure 2

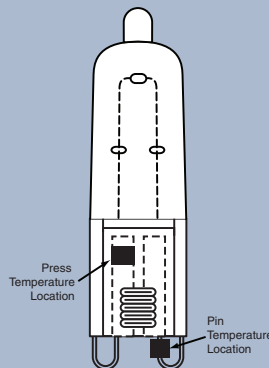
Spectral Power Distribution



Thermal Performance

	Press Temperature	Pin Temperature
Maximum	370°C	250°C
25W	160°C	125°C
40W	190°C	145°C
60W	205°C	170°C

Thermal measurements were made in open air with a surrounding air temperature of 25°C. All measurements were made in a base up orientation operating at 120V. Values are provided for reference only.



Sample Specification

Lamp shall be CAPSYLITE® G9 halogen lamp with a 2000 hour average rated life. Lamp shall be energy efficient and pass TCLP to make the disposal of the used lamp easier for the end user.

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