Product Information Bulletin

250W PAR38 CAPSYLITE® SPL™

Halogen Lamps

- 4500 hour long life
- Bright white, high quality halogen light
- Innovative technology for high performance
- Energy efficient halogen sources
- CAPSYLITE SPL PAR lamps employ a totally new halogen lens/reflector SYSTEM
  - Superior beam control
  - Improved optical system provides consistent, uniform performance from lamp to lamp
  - Lens stamped with beam pattern for easy identification

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

ECOLOGIC™

SYLVANIA's NEW 250 Watt PAR38 CAPSYLITE lamps offer great color, long life, and State-of-the-Art SPL Optics. SYLVANIA's 250 Watt CAPSYLITE PAR38 lamps are the best choice when maximum light output, long life and constant, crisp, white light are required.

Product Availability

Product	Beam Angle
250W PAR38 CAPSYLITE	Spot 10° Flood 30°

Lamp Comparison

Lamp Type	Beam Angle	CBCP (cd)	Lumen (lm)	Life (hours)
SYLVANIA 250PAR/CAP/SPL/SP10	10	44,000	3500	4500
Brand X Q250PAR/SP10	10	40,000	3600	4200
SYLVANIA 250PAR/CAP/SPL/FL30	30	8900	3500	4500
Brand X Q250PAR/FL30	30	9000	3500	4200

Application Information

Applications

Hotel, restaurant, lobbies
Hard-to-reach areas
Wall-wash
Floor lighting
General lighting
Indoor / Outdoor
Retail
Offices

Application Notes

1. Extremely high light output
2. Lens stamped with beam pattern
3. Better cutoff – maximum lumens in the beam
4. Eliminates stray light at the edges of the beam pattern
5. Superior candlepower rating
6. New distinctive appearance and superior performance due to SPL optics which combines new spiral reflector and lens

SYLVANIA

Sample Specification
Lamp(s) shall be (a) CAPSYLITE halogen PAR38 lamp(s) with a 4500 – hour average rated life, shall be diode free and employ stabilized coils. Lamp(s) shall be energy efficient and produced to EPACT standards. Lamp base shall contain no lead solder to make the disposal of used CAPSYLITE lamp(s) easier for the end user.

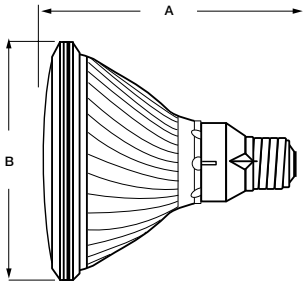
Ordering and Specification Information

Item Number	Ordering Abbreviation	Watts	Base	Avg. Rated Life (hrs.)	Volts	CBCP	Beam Angle	Lumens	MOL
15526	250PAR/CAP/SPL/SP10	250	Medium Skirt	4500	120	44,000	10	3500	5 5/16
15558	250PAR/CAP/SPL/FL30	250	Medium Skirt	4500	120	8900	30	3500	5 5/16

Ordering Guide

250	PAR	/	CAP	/	SPL	/	SP	10
Wattage 250W	Parabolic Aluminized Reflector		CAPSYLITE				Beam Spread SP=Spot FL=Flood	Degrees 10° 30°

Dimensions



	(A) MOL	(B) Bulb Diameter
PAR38	5 5/16	4 3/4

Footcandle

10° PAR38 SPL SP

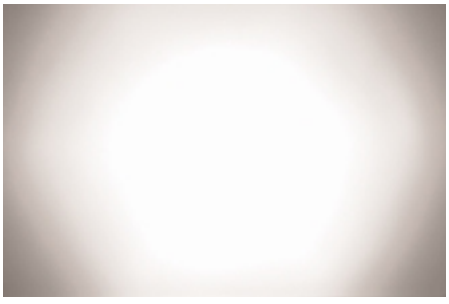
Distance from Source (in ft.)	Diameter (in ft.)	250W
3'	0.5	4889
6'	1.0	1222
9'	1.6	543
12'	2.1	306
15'	2.6	196

30° PAR38 SPL FL

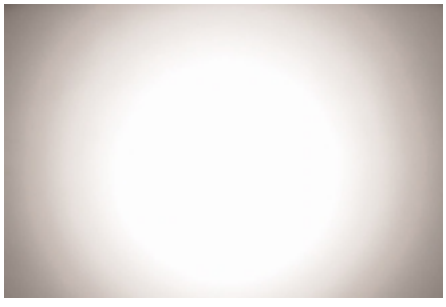
Distance from Source (in ft.)	Diameter (in ft.)	250W
3'	1.6	989
6'	3.2	247
9'	4.8	110
12'	6.4	62
15'	8.0	40

SYLVANIA CAPSYLITE PAR lamps are available in a full range of beam angles to meet the demands of virtually any display or accent lighting application. For each available CAPSYLITE lamp, this table shows how lamp-output in footcandles – varies as a function of distance.

CAPSYLITE SPL OPTICAL SYSTEM
250Watt PAR38 CAPSYLITE lamps employ a patented spiral lenticule layout on their lenses. These patterns were computer designed to deliver a smooth, round beam pattern that is free from hot spots and stray light. The new lenses, however, are only half of the story. The new spiral flat reflectors were also computer designed to work in concert with the lenses. The spiral flats on the inner surface of the reflector begin to shape and contour the light rays before they reach the lens. The reflector and the lens, therefore, share the job of controlling the light so that the resultant beam pattern is as smooth as possible. The optical system maximizes the lumens in the beam angle, while providing consistent lamp-to-lamp performance.



Standard Halogen PAR



New CAPSYLITE SPL

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