

STANDARD AND STARLITE BI-PIN

Low Voltage Halogen Lamps



Two complete lines of BI-PIN halogen lamps to meet the various needs of designers and end users:

STARLITE

- Axial filament
- 4000-hour average rated lamp life
- UV-stop quartz capsule
- Low pressure

STANDARD

- Clear and frosted
- 2000-hour average rated lamp life
- UV-stop quartz capsule

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



SYLVANIA BI-PIN lamps are sturdy and compact in construction and therefore are ideal for stand alone decorative applications and perfect for compact fixtures with integral reflectors.

High performance axial filament STARLITE lamps enable the design of efficient reflector systems that are easy to focus, resulting in better quality light on the target. These long life efficient lamps meet the needs of all residential, commercial and industrial bi-pin applications.

All SYLVANIA BI-PIN lamps are designed with an advanced UV-stop quartz capsule which reduces harmful UV-B and UV-C radiation by more than 90% compared to regular quartz capsules.

Product Availability

Watts	STARLITE	STANDARD
5	T3	T3, T3/F
10	T3, T3 (6V)	T3, T3/F
20	T3, T4	T3, T3/F, T3 (24V)
35	T4	
50	T4	T4, T4/F, T4 (24V)
75	T4	T4
90	T4	
100		T4 (24V)

Lamp Comparison

Item No.	Lamp Type	Watts	Lumens	Av. Rated life
58676	50T4Q/CL/AX	50	930	4000
	Brand X Q50T4/CL/CD	50	950	2000
	Brand Y 50W/12V/Capsule	50	950	2000
	Incandescent 60A19/CL	50	4000	1000

Application Information

Applications	Application Notes	Fixtures
Small aperture down lighting Residential, commercial and industrial applications Accent strip lighting Task lighting Display lighting	1. Lamps must be used in suitably enclosed fixtures per UL requirement 2. Axial filament orientation means light is smoothly distributed by reflector 3. Do not touch lamp with bare hands	Ardee/USA Belfer BK Lighting CSL Lucifer Roberts Tivoli Translite Systems

Sample Specification

STANDARD

Lamp(s) shall be (a) 12V or 24V BI-PIN halogen lamp(s) with a UV-control quartz capsule and a 2,000-hour average rated life. Lamp(s) shall be frosted or clear with an axial or transverse filament.

STARLITE

Lamp(s) shall be (a) 12V STARLITE halogen lamp(s) with a UV-control quartz capsule and a 4,000-hour average rated life. Lamp(s) shall be clear with an axial filament and gold plated pins.

All Bi-Pin Standard and Starlite lamps must be operated in enclosed fixtures.

Ordering and Specification Information

STARLITE

Item Number	Ordering Abbreviation	Watts	Volts	Base	Avg. Rated Life	Lumens (lm)	Figure
58690	5T3Q/CL	5	12	G4	4000	60	2
58691	10T3Q/CL/AX	10	12	G4	4000	130	1
58692	10T3Q/CL/AX/6V	10	6	G4	4000	130	1
58694	20T3Q/CL/AX	20	12	G4	4000	320	1
58663	20T4Q/CL/AX	20	12	GY6.35	4000	320	1
58672	35T4Q/CL/AX	35	12	GY6.35	4000	600	1
58676	50T4Q/CL/AX	50	12	GY6.35	4000	930	1
58680	75T4Q/CL/AX	75	12	GY6.35	4000	1450	1
58684	90T4Q/CL/AX	90	12	GY6.35	4000	1800	1

STANDARD

Item Number	Ordering Abbreviation	Watts	Volts	Base	Avg. Rated Life	Lumens (lm)	Figure
58652	5T3Q/CL	5	12	G4	2000	60	2
58650	10T3Q/RP	10	12	G4	2000	140	2
58658	10T3Q/CL	10	12	G4	2000	140	2
58655	20T3Q/RP	20	12	G4	2000	320	2
58661	20T3Q/CL	20	12	G4	2000	320	2
58660	50T4Q/RP	50	12	GY6.35	2000	930	2
58675	50T4Q/CL	50	12	GY6.35	2000	930	2
58665	75T4Q/CL/RP	75	12	GY6.35	2000	1200	2

24V

Item Number	Ordering Abbreviation	Watts	Volts	Base	Avg. Rated Life	Lumens (lm)	Figure
58662	20T3Q/CL/24V	20	24	G4	1000	350	2
58678	50T4Q/CL/AX/24V	50	24	GY6.35	2000	850	1
58686	100T4Q/CL/AX24V	100	24	GY6.35	2000	2200	1

FROSTED

Item Number	Ordering Abbreviation	Watts	Volts	Base	Avg. Rated Life	Lumens (lm)	Figure
58651	5T3Q/F	5	12	G4	2000	55	2
58656	10T3Q/F	10	12	G4	2000	130	2
58695	20T3Q/F	20	12	G4	2000	300	2
58698	50T4Q/F	50	12	GY6.35	2000	830	2

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Dimensions

	(A) MOL	(B) LCL
Standard (2) 5W-20W	31mm	22mm
Standard (2) 50W-75W	44mm	30mm
Standard (1) 50W/100W (24V)	44mm	30mm
Starlite (2) 5W	31mm	22mm
Starlite (1) 10W-20W	31mm	22mm
Starlite (1) 35W-90W	44mm	30mm

Ordering Guide

50 Wattage	T4 Tubular Lamp 3= Diameter (3/8") 4= Diameter (4/8")	Q Quartz Glass	/	CL Finish CL = Clear F = Frosted	/	AX AX= Axial Filament ___ = Transverse	/	24V Voltage ___ = 12V 24V 6V
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