



## SHP High pressure sodium



Sylvania's range of High Pressure Sodium Lamps are ErP compliant and combine excellent efficacy with extremely long life. These elliptical and tubular lamps radiate high levels of warm white light and have low operating costs making them suitable for streetlighting and industrial applications. Sylvania has 4 ranges to suit your needs: Super, Basic Plus, Self-Starting and Twinarc.

The SHP TwinArc lamp uses two arc tubes to double the lamp life compared to SHP Super lamps. Due to the double burner concept

early lamp failure rate is significantly reduced and the hot re-strike feature allows for more safety on streets, airports and other public places. The TwinArc lamps are direct retrofits for Standard Sodium lamps and can thus be used in the same installations with no modifications necessary. In addition to this range, Sylvania offers two ranges of standard Sodium lamp – SHP Super and Basic Plus – and a Self-starting lamp which contains an internal ignitor. All give exceptional reliability, long life and high luminous flux

## SHP-S / SHP-TS TwinArc

### High pressure sodium – Instantaneous re-ignition

#### Features

- Range of high pressure sodium lamps with double arc tube construction
- Dual arc tube design guarantees immediate re-strike after a power interruption
- Doubled lamp life and reduced occurrence of early failures
- Exceptional reliability, offering 6 years of maintenance-free service and superior lumen maintenance, exceeding 95% over life
- Ideal for applications which are difficult to access, or where maintenance is expensive
- Perfect for tunnels, airports, military installations, harbours and industrial sites



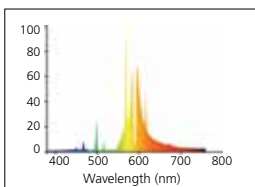
SHP-S TwinArc Elliptical    SHP-S TwinArc Tubular



Code	Description	Watt (W)	Voltage (V)	Lamp Finish	Cap	Colour temp (K)	CRI	Nominal Luminous flux at 25°C (lm)	Average rated life (Hrs)	Packing Qty	Energy Class
<b>SHP-S TwinArc Elliptical</b>											
0020720	SHP-S 35W TwinArc	35	90	Coated	E27	2,050	20	2,000	40,000	24	B
0020717	SHP-S 50W TwinArc	50	85	Coated	E27	2,050	20	3,600	40,000	24	A
0020719	SHP-S 70W TwinArc	70	90	Coated	E27	2,050	20	6,000	55,000	24	A+
0020726	SHP-S 100W TwinArc	100	100	Coated	E27	2,050	20	9,500	55,000	12	A+
0020725	SHP-S 100W TwinArc	100	100	Coated	E40	2,050	20	9,500	55,000	12	A+
0020740	SHP-S 150W TwinArc	150	100	Coated	E40	2,050	20	15,500	55,000	12	A+
0020742	SHP-S 250W TwinArc	250	100	Coated	E40	2,050	20	30,000	55,000	12	A+
0020744	SHP-S 400W TwinArc	410	105	Coated	E40	2,050	20	52,500	55,000	12	A+
<b>SHP-TS TwinArc Tubular</b>											
0020712	SHP-TS 50W TwinArc	50	85	Clear	E27	2,050	20	4,000	40,000	24	A
0020718	SHP-TS 70W TwinArc	70	90	Clear	E27	2,050	20	6,500	55,000	24	A+
0020724	SHP-TS 100W TwinArc	100	100	Clear	E40	2,050	20	10,000	55,000	12	A+
0020739	SHP-TS 150W TwinArc	150	100	Clear	E40	2,050	20	17,000	55,000	12	A+
0020741	SHP-TS 250W TwinArc	255	100	Clear	E40	2,050	20	32,000	55,000	12	A+
0020743	SHP-TS 400W TwinArc	400	100	Clear	E40	2,050	20	55,000	55,000	12	A++

#### Spectral Data

Sodium SHP-(-)TS Twinarc



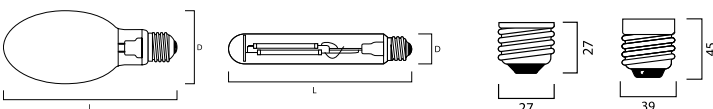
#### Dimensions (mm)

SHP-S TwinArc

SHP-TS TwinArc

E27

E40



SHP-S	35W	50W	70W	100W	150W	250W	400W
L	165	165	165	186	227	227	292
D	72	72	72	78	91	91	122
SHP-TS	35W	50W	70W	100W	150W	250W	400W
L	156	156	156	211	211	260	292
D	39	39	39	48	48	48	48

## SHP-S/SHP-TS SUPER

High pressure sodium – Best price/performance ratio

### Features

- Patented new construction featuring the Sylvania Wound Ignition Antenna for the ultimate starting reliability throughout lamp life
- Exclusive 'frameless' construction delivers superior system efficiency and improves lumen maintenance over life
- Exceptional reliability, offering 4 years service with over 95% lumen maintenance
- Super versions with high xenon pressure boost luminous efficacy up to 150lm/W
- Offers increased lighting levels and an extended maintenance-free service life in all road and industrial applications



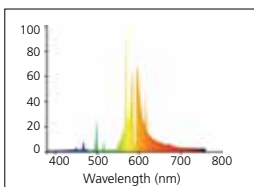
SHP-S TwinArc Elliptical    SHP-S TwinArc Tubular



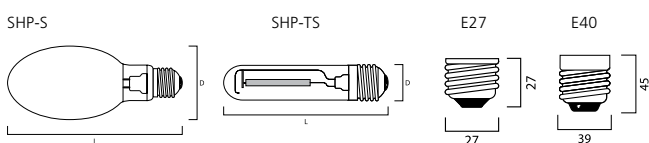
Code	Description	Watt (W)	Voltage (V)	Lamp Finish	Cap	Colour temp (K)	CRI	Nominal Luminous flux at 25°C (lm)	Average rated life (Hrs)	Packing Qty	Energy Class
<b>SHP-S Super Elliptical</b>											
0020448	SHP-S 35W	35	90	Coated	E27	2,050	20	2,000	25,000	24	B
0020688	SHP-S 50W	50	85	Coated	E27	2,050	20	3,600	24,000	24	A
0020690	SHP-S 70W	70	90	Coated	E27	2,050	20	6,000	30,000	24	A
0020692	SHP-S 100W	100	100	Coated	E40	2,050	20	9,500	30,000	12	A+
0020693	SHP-S 150W	150	100	Coated	E40	2,050	20	16,000	32,000	12	A+
0020715	SHP-S 250W	250	100	Coated	E40	2,050	20	30,000	32,000	12	A+
0020716	SHP-S 400W	400	105	Coated	E40	2,050	20	54,000	32,000	12	A++
<b>SHP-TS Super Tubular</b>											
0020326	SHP-TS 35W	35	90	Clear	E27	2,050	20	2,100	25,000	24	B
0020687	SHP-TS 50W	50	85	Clear	E27	2,050	20	4,200	24,000	24	A
0020678	SHP-TS 70W	70	90	Clear	E27	2,050	20	6,800	30,000	24	A+
0020686	SHP-TS 100W	100	100	Clear	E40	2,050	20	11,000	30,000	12	A+
0020685	SHP-TS 150W	150	100	Clear	E40	2,050	20	18,000	32,000	12	A+
0020713	SHP-TS 250W	255	100	Clear	E40	2,050	20	33,400	32,000	12	A++
0020714	SHP-TS 400W	400	100	Clear	E40	2,050	20	55,500	32,000	12	A++
0020805	SHP-TS 600W	600	110	Clear	E40	2,050	20	90,000	32,000	12	A++

### Spectral Data

Sodium SHP-(-)S Super



### Dimensions (mm)



SHP-S	35W	50W	70W	100W	150W	250W	400W
L	165	165	165	186	227	227	292
D	72	72	72	78	91	91	122
SHP-TS	35W	50W	70W	100W	150W	250W	400W
L	156	156	156	211	211	260	292
D	39	39	39	48	48	48	48

## SHP / SHP-T Basic Plus

### High pressure sodium

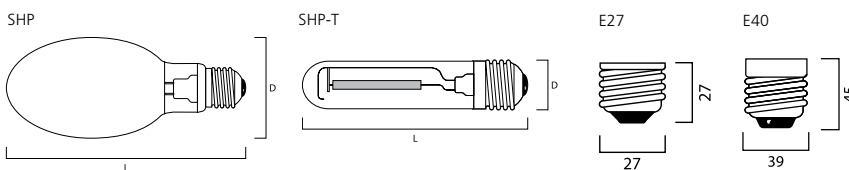
#### Features

- ErP compliant High Pressure Sodium Lamps
- Long life between 24,000 to 32,000 hours, T90 at 16,000 hours
- Strong performance with high reliability
- Car park, Street and Floodlighting applications



Code	Description	Watt (W)	Voltage (V)	Lamp Finish	Cap	Colour temp (K)	CRI	Nominal Luminous flux at 25°C (lm)	Average rated life (Hrs)	Packing Qty	Energy Class
<b>SHP Basic Plus Elliptical</b>											
0020841	SHP 70W Basic Plus	70	90	Coated	E27	2,000	20	6,040	28,000	40	A
0020839	SHP 100W Basic Plus	100	100	Coated	E27	2,000	20	9,500	28,000	40	A
0020842	SHP 150W Basic Plus	150	100	Coated	E40	2,000	20	19,000	28,000	12	A+
0020843	SHP 250W Basic Plus	250	100	Coated	E40	2,000	20	29,000	28,000	12	A+
0020844	SHP 400W Basic Plus	400	105	Coated	E40	2,000	20	51,300	28,000	12	A+
<b>SHP-T Basic Plus Tubular</b>											
0020846	SHP-T 70W Basic Plus	70	90	Clear	E27	2,000	20	6,500	28,000	40	A+
0020838	SHP-T 100W Basic Plus	100	100	Clear	E40	2,000	20	9,000	24,000	12	A+
0020847	SHP-T 150W Basic Plus	150	100	Clear	E40	2,000	20	17,000	32,000	12	A+
0020848	SHP-T 250W Basic Plus	250	100	Clear	E40	2,000	20	33,000	32,000	12	A+
0020849	SHP-T 400W Basic Plus	400	100	Clear	E40	2,000	20	55,000	32,000	12	A+
0020671	SHP-T 1000W V2	1,000	100	Clear	E40	2,100	8	130,000	20,000	4	A+

#### Dimensions (mm)



SHP	70W	100W	150W	250W	400W	
L	165	185	227	227	292	
D	72	78	91	91	122	
SHP-T	70W	100W	150W	250W	400W	1000W
L	156	211	211	260	292	485
D	39	48	48	48	48	67



## SHP -Self-Starting V2

### High pressure sodium

#### Features

- A high pressure sodium lamp with internal igniter
- Cost reduction opportunities since no ignitor or external wiring is required
- Enables luminaire size to be reduced since no ignitor is required
- Available in clear or coated elliptical bulbs
- Popular choice for parks, gardens, pedestrian zones and residential street lighting
- Low-cost illumination of workshops and small industrial areas

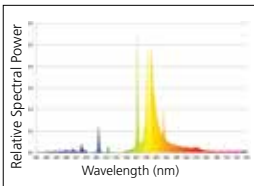


SHP

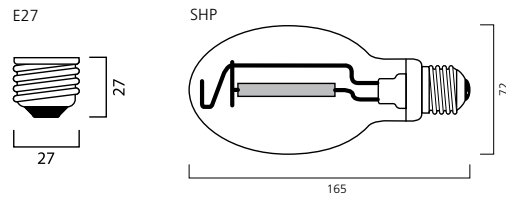


Code	Description	Watt (W)	Voltage (V)	Lamp Finish	Cap	Colour temp (K)	CRI	Nominal Luminous flux at 25°C (lm)	Average rated life (Hrs)	Packing Qty	Energy Class
<b>SHP Self-Starting Elliptical</b>											
<b>0020694</b>	SHP 70W/CO-I	70	90	Coated	E27	2,050	20	5,800	24,000	40	A

#### Spectral Data



#### Dimensions (mm)



# Concord

# Lumiance

# SYLVANIA

## EUROPE

### Head Office

London  
T. +44 (0) 20 7011 9700  
info.eu@feilosylvania.com

### Belgium

Antwerp  
T. +32 (0)3 610 44 44  
F. +32 (0)3 610 44 57  
info.be@feilosylvania.com

### Croatia, Slovenia, BiH, Serbia and Montenegro

Zagreb  
T. +385 98 251969  
info.hr@feilosylvania.com

### Czech Republic and Slovakia

Bratislava  
T. +421 911 236 435  
info.cz@feilosylvania.com

### Estonia, Latvia, Lithuania

Budapest  
T. +36 1 888 0639  
info.bal@feilosylvania.com

### Denmark

Copenhagen  
T. +46 8 556 322 00  
F. +46 8 556 322 10  
info.se@feilosylvania.com

### Finland

Helsinki  
T. +358 (0)9 5421 2100  
info.fi@feilosylvania.com

### France

Paris  
T. +33 (0)1 55 51 11 00  
F. +33 (0)1 55 51 11 08  
info.fr@feilosylvania.com

### Germany and Austria

Erlangen  
T. +49 9131 793 0  
F. +49 9131 793 345  
info.de@feilosylvania.com

### Greece

Athens  
T. +30 210 996 65 61  
F. +30 210 996 90 29  
info.gr@feilosylvania.com

### Hungary

INESA Europa Kft  
H-2120 Dunakeszi, Pallag u. 30  
T. +36 27 200 988  
info.hu@feilosylvania.com

### Italy

Milan  
T. +39 02 24 12 58 11  
F. +39 02 24 12 58 80  
info.it@feilosylvania.com

### Netherlands

Breda  
T. +31 (0)76 750 44 44  
info.nl@feilosylvania.com

### Norway

Oslo  
T. +46 8 556 322 00  
F. +46 8 556 322 10  
info.no@feilosylvania.com

### Poland

Warsaw  
T. +48 601 999 075  
info.pl@feilosylvania.com

### Portugal

Lisbon  
T. +351 21 793 77 36/37  
F. +351 21 793 77 38  
info.pt@feilosylvania.com

### Romania / Bulgaria

Bucharest  
T. +40 (0) 720 724 647  
info.ro@feilosylvania.com

### Russia

Moscow  
T. +7 495 935 70 48  
F. +7 495 937 70 08  
info.ru@feilosylvania.com

### Spain

Madrid  
T. +34 91 669 90 00  
F. +34 91 673 73 64  
info.es@feilosylvania.com

### Sweden

Stockholm  
T. +46 8 556 322 00  
F. +46 8 556 322 10  
info.se@feilosylvania.com

### Switzerland

Zurich  
T. +41 44305 31 80  
F. +41 44305 31 81  
info.ch@feilosylvania.com

### UK

Newhaven  
T. +44 (0) 800 440 2478  
F. +44 (0) 1273 512688  
info.uk@feilosylvania.com

## MIDDLE EAST

### United Arab Emirates

Dubai  
T. +971 4 2998141  
F. +971 4 2998142  
info.ae@feilosylvania.com

## AFRICA

### South Africa

Johannesburg  
T. +27 (0)11 462 0251  
F. +27 (0)11 462 7399  
sales.sa@feilosylvania.com

## ASIA

### China

Guangzhou  
T. +86 20 3815 1138  
F. +86 20 3869 7572  
info.cn@feilosylvania.com

### Malaysia

Kuala Lumpur  
T. +603 2031 8788  
F. +603 2031 4788  
info.my@feilosylvania.com

### Vietnam

Hanoi  
T. +844 37 151 604  
F. +844 37 151 605  
info.vn@feilosylvania.com

## AMERICAS

### Argentina, Bolivia, Chile, Paraguay, Peru, Uruguay

Buenos Aires  
T. +54 11 4546 4200  
F. +54 11 4546 4228  
info.ar@feilosylvania.com

### Caribbean

Honduras, Nicaragua  
San José  
T. +506 22 107 678  
F. +506 22 328 723  
info.cr@feilosylvania.com

## Colombia

Santafé de Bogota  
T. +57 1 782 5200  
F. +57 1 719 9621  
info.co@feilosylvania.com

## Costa Rica

T. +506 22 107 678  
F. +506 22 200 338  
info.cr@feilosylvania.com

## Ecuador

Quito  
T. +593 2 281 0773  
F. +593 2 281 0007  
info.ec@feilosylvania.com

## El Salvador

San Salvador  
T. +503 2239 2239  
F. +503 2284 9670  
info.sv@feilosylvania.com

## Guatemala

Guatemala City  
T. +502 2387 5300  
F. +502 2387 5301  
info.gt@feilosylvania.com

## Mexico

Mexico D.F.  
T. +52 55 4627 5500  
F. +52 55 5387 7671  
marketing@feilo-sli.com.mx

## Panama

Panama City  
T. +507 236 1000  
F. +507 236 1315  
info.pa@feilosylvania.com

## Venezuela

Caracas  
T. +58 212 381 0452  
F. +58 212 381 0350  
info.ve@feilosylvania.com

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania Europe Ltd.