

SHP / SHP-T Standard and Basic PLUS

SA SHP 70W/CO/E E27 SLV

0020555



Range features

- ErP compliant High Pressure Sodium Lamps
- Long life between 24,000 to 28,000 hours, T90 at 16,000 hours
- Strong performance with high reliability
- Car park, Street and Floodlighting applications



PRODUCT OVERVIEW

Ordering number	0020555
Technology	HID
Light colour	0
Energy class	A
Average life (Rated) (h)	24000
Lamp shape	elliptical
Lamp finish	coated
Dimmable	Yes
Cap/Base	E27
Type	SHP
EAN code	5410288205557
CRI (Ra)	20
Colour temperature (K)	2050
Luminous flux (Rated) (lm)	5900
Efficacy (Rated) (lm/w)	83
Watt (Nominal) (W)	70
Voltage (V)	90

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DATA TABLE

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General data

Ordering number	0020555
Technology	HID
Life T90	
Average life (Nominal) (h)	24000
Energy class	A
Average life (Rated) (h)	24000
Lamp shape	elliptical
Lamp finish	coated
Dimmable	Yes
Cap/Base	E27
Type	SHP
EAN code	5410288205557
E-number FI	4845582
Notes	Sylvania SHP lamps can be dimmed with negligible impact on performance creating the potential for flexible light levels and reduced energy consumption.. Dimming is supported on electronic square wave ballasts and magnetic systems that can maintain the open circuit voltage. Square wave operation is recommended.. Dimming causes a reduction of light and some colour change.. We advise to start the lamps at full power and to hold this for 15 minutes before reducing the power. To avoid extinguishing the power should be adjusted gradually taking a few minutes to reach the final dimming condition.. Square wave dimming down to 50% of the rated power will have negligible impact on performance, dimming down to 35% of the rated power can affect lumen maintenance and colour appearance.. Dimming by means of voltage on magnetic systems is not advised as this increases the chance of lamp extinguishing.. Dimming by phase-cutting on magnetic systems is not allowed.. Instant dimming on magnetic systems by adding an impedance is suggested down to 50% of the rated power but the average life can be reduced.
Range features	ErP compliant High Pressure Sodium Lamps. Long life between 24,000 to 28,000 hours, T90 at 16,000 hours. Strong performance with high reliability. Car park, Street and Floodlighting applications
Product name	SA SHP 70W/CO/E E27 SLV
Lamp mercury content (mg)	10.8
Control gear required	yes
Fixture rating	open
IEC Reference	IEC 60662
IEC Reference 2	IEC 62035
Intended purpose	General lighting
Special purpose lamp	No
Transformer required	no
Sales pack quantity	1
Rated survival factor at 2000 h	1
Rated survival factor at 2000 h 50Hz	1
Rated survival factor at 4000 h	0.99
Rated survival factor at 4000 h 50Hz	0.99
Rated survival factor at 6000 h	0.98
Rated survival factor at 6000 h 50Hz	0.98
Rated survival factor at 8000 h	0.97
Rated survival factor at 8000 h 50Hz	0.97

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Rated survival factor at 12000 h	0.9
Rated survival factor at 12000 h 50Hz	0.9
Rated survival factor at 16000 h	0.79
Rated survival factor at 16000 h 50Hz	0.79
Rated survival factor at 20000 h	0.66
Rated survival factor at 20000 h 50Hz	0.66

Optical data

Light colour	0
CRI (Ra)	20
Colour temperature (K)	2050
Luminous flux (Rated) (lm)	5900
Luminous flux (Nominal) (lm)	5800
Ambient temperature for maximum luminous flux (°C)	25
Rated lumen maint. factor at 2000 h	0.98
Rated lumen maint. factor at 4000 h	0.96
Rated lumen maint. factor at 6000 h	0.94
Rated lumen maint. factor at 8000 h	0.93
Rated lumen maint. factor at 12000 h	0.91
Rated lumen maint. factor at 16000 h	0.9
Rated lumen maint. factor at 20000 h	0.89
Rated lumen maint. factor at 2000 h 50Hz	0.98
Rated lumen maint. factor at 4000 h 50Hz	0.96
Rated lumen maint. factor at 6000 h 50Hz	0.94
Rated lumen maint. factor at 8000 h 50Hz	0.93
Rated lumen maint. factor at 12000 h 50Hz	0.91
Rated lumen maint. factor at 16000 h 50Hz	0.9
Rated lumen maint. factor at 20000 h 50Hz	0.89

Electrical data

kWh per 1000 hours burning time	77
Efficacy (Rated) (lm/w)	83
Watt (Rated) (W)	70
Watt (Nominal) (W)	70
Voltage (V)	90
Ignition voltage (V)	0
Current (A)	0.98

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Physical data

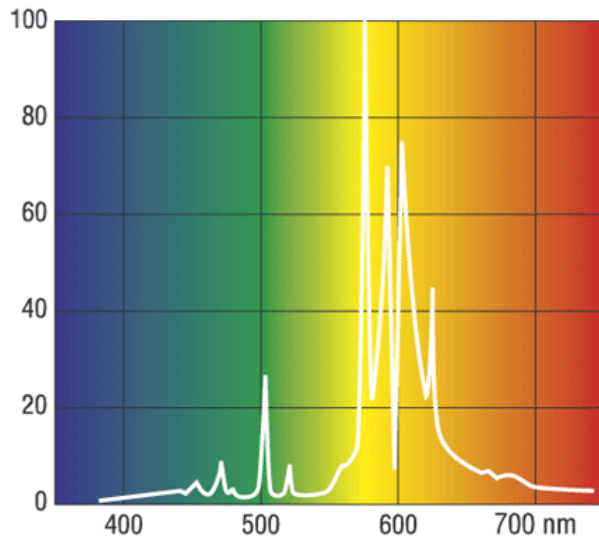
Weight (kg)	0.06
Lamp Length (mm) - C/L	165
Max. Lamp Diameter (mm) - D	72
Single packaging type	Box/Sleeve
Single package dimensions (L x W x H) (cm)	16.50 x 7.00 x 7.00
Outer package dimensions (L x W x H) (cm)	42.00 x 35.00 x 36.00

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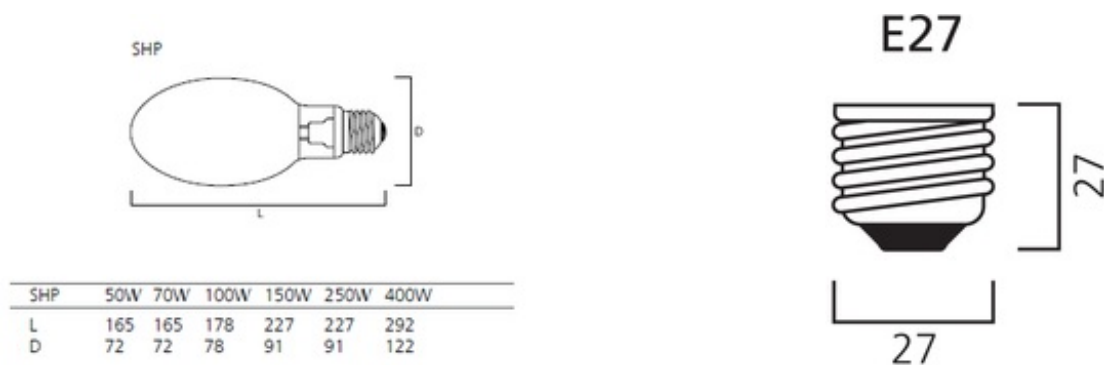
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PHOTOMETRY



TECHNICAL DRAWINGS



ENERGY LABEL

