

# SHP-S 100W E40 SLV

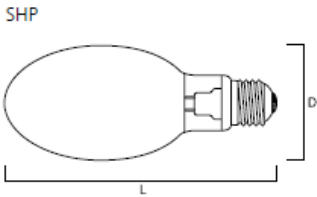
Item No: 0020692



High Pressure Sodium Lamp

## Technical Assets

### Dimensions (mm)



SHP	50W	70W	100W	150W	250W	400W
L	165	165	178	227	227	292
D	72	72	78	91	91	122

### Photometrics

### General data

Product name	SHP-S 100W E40 SLV
Technology	HID
Watt (Rated) (W)	100
Cap/Base	E40
Lamp finish	Frosted/Coated
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC000821
E-number FI	4845559
E-number SE	8358113
E-number Norway	3824152

### Optical data

Useful luminous flux ( $\Phi_{use}$ )	9870
Luminous flux (Rated) (lm)	9870
Ambient temperature for maximum luminous flux ( $^{\circ}\text{C}$ )	25
Correlated colour temperature (k)	2050
CRI (Ra)	20
Colour Variation Initial (SDCM)	N/A
Adjustable chromaticity	N
Photobiological Risk Group	Not applicable
Rated lumen maint. factor (%) at 4000 h 50Hz	96
Rated lumen maint. factor (%) at 6000 h 50Hz	94

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Rated lumen maint. factor (%) at 8000 h 50Hz	93
Rated lumen maint. factor (%) at 12000 h 50Hz	91
Rated lumen maint. factor (%) at 16000 h 50Hz	90
Rated lumen maint. factor (%) at 20000 h 50Hz	89

## Electrical data

Power consumption (W)	100
Wattage (W)	100
Current (A)	1.2
Control gear required	Yes
Dimmable	No
Dimming method	Mains: leading / trailing edge
Lamp Energy Label (class)	F
kWh per 1000 hours burning time	110

## Lifetime data

Average life (Nominal) (h)	30000
Average life (Rated) (h)	30000
Life T90	16000
Rated survival factor (%) at 2000 h 50Hz	100
Rated survival factor (%) at 4000 h 50Hz	100
Rated survival factor (%) at 6000 h 50Hz	99
Rated survival factor (%) at 8000 h 50Hz	99
Rated survival factor (%) at 12000 h 50Hz	96
Rated survival factor (%) at 16000 h 50Hz	90
Rated survival factor (%) at 20000 h 50Hz	82

## Physical data

Nominal Product Length (mm)	186
Nominal Product Diameter (mm)	78
Max. Lamp Diameter (mm) - D	78
Weight (kg)	0.069

## Packaging

Product EAN number	5410288206929
Packaging single length / height (cm)	18.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	7.5
DUN14 (inner)	15410288206926
Units per outer package	40
Packaging outer length / height (cm)	45.0
Packaging outer width (cm)	38.0
Packaging outer depth (cm)	39.0

## Safety data

Lamp mercury content (mg)	14.4
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	No
Suitable for household illumination	No