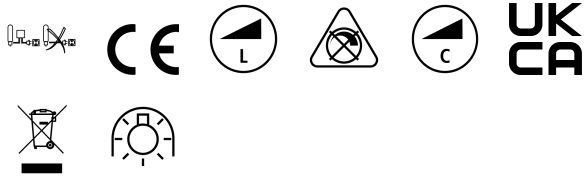


# SHP-TS 100W E40 SLV

Item No: 0020686

**SYLVANIA**

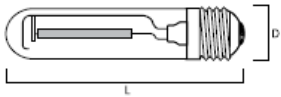


- A range of High Pressure Sodium lamps with high xenon pressure boost luminous efficacy up to 150lm/w, - Long life between 24,000 and 32,000 hours, - Strong performance and high reliability, - For use in Car park, Street and Flood lighting applications

## Technical Assets

### Dimensions (mm)

SHP-TS



### Photometrics

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-TS 100W E40 SLV

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**SYLVANIA**

## General data

Product name	SHP-TS 100W E40 SLV
Technology	HID
Watt (Rated) (W)	100
Cap/Base	E40
Lamp finish	Clear
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC000821
E-number FI	4845508
E-number SE	8358013
E-number Norway	3824257

## Optical data

Useful luminous flux ( $\Phi_{use}$ )	10500
Luminous flux (Rated) (lm)	10500
Ambient temperature for maximum luminous flux (°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
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
Supply current (A)	1.2
Primary Supply/Product voltage - min (V)	100
Primary Supply/Product voltage - max (V)	100
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	81

## Physical data

Nominal Product Length (mm)	211
Nominal Product Diameter (mm)	48
Max. Lamp Diameter (mm) - D	48
Weight (kg)	0.12

# SHP-TS 100W E40 SLV

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## Packaging

Product EAN number	5410288206868
Packaging single length / height (cm)	22.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (inner)	15410288206865
Units per outer package	12
Packaging outer length / height (cm)	28.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	25.0

## 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