

SHP-TS Super SHP-TS 100W E40 SLV 0020686



Product features

- 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



PRODUCT OVERVIEW

Product name	SHP-TS 100W E40 SLV
Technology	HID
Watt (Rated) (W)	100
Type	SHP-TS
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
Luminous flux (lm)	10500
Colour temperature (K)	2050
CRI (Ra)	20
Colour Variation Initial (SDCM)	N/A
Photobiological Risk Group	Not applicable
Wattage (W)	100
Product Voltage (V)	100
Dimmable	No
Dimming method	Mains: leading / trailing edge
Average life (Nominal) (h)	30000
Product EAN number	5410288206868

DATA TABLE

General data

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Optical data

Luminous flux (lm)	10500
Luminous flux (Rated) (lm)	10500
Ambient temperature for maximum luminous flux (°C)	25
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

Wattage (W)	100
Current (A)	1.2
Product Voltage (V)	100
Control gear required	Yes
Transformer required	No
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

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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

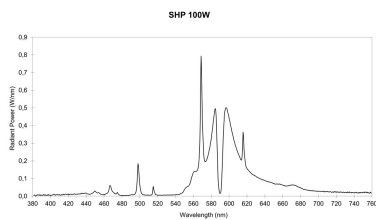
Packaging

Single packaging type	Carton
Product EAN number	5410288206868
Packaging single length / height (cm)	22.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (outer)	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

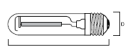
Lamp mercury content (mg)	14.4
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	No
Suitable for household illumination	No

PHOTOMETRY



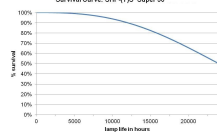
TECHNICAL DRAWINGS

SHP-TS

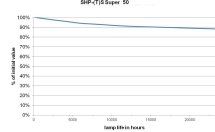


SHP-TS	35W	50W	70W	100W	150W	250W	400W
L	156	156	211	211	260	292	
D	39	39	48	48	48	48	

Survival Curve: SHP-TS Super 50

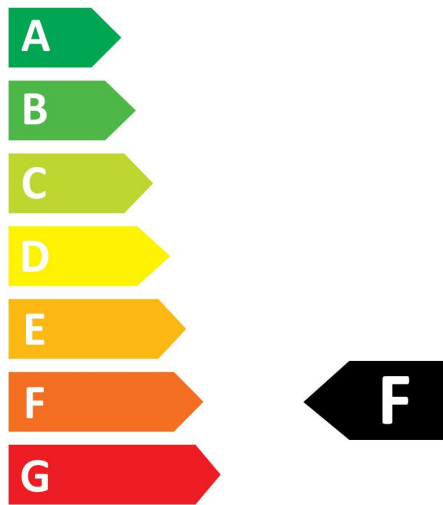


Lumen Maintenance curve: SHP-TS Super 40



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100
kWh/1000h



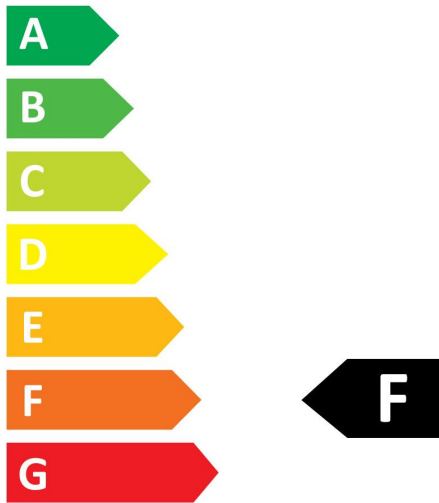
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100
kWh/1000h



2019/2015