

SHP-TS Super SHP-TS 50W/CL E27 SLV 0020687



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 Carparks, Street and Flood lighting applications



PRODUCT OVERVIEW

Product name	SHP-TS 50W/CL E27 SLV
Technology	HID
Watt (Rated) (W)	53
Type	SHP-TS
Cap/Base	E27
Lamp finish	Clear
Fixture rating	Open
General application	Logistics & Industry
ETIM Class	EC000821
E-number FI	4845579
E-number SE	8358011
E-number Norway	3824255
Luminous flux (lm)	4200
Colour temperature (K)	2050
CRI (Ra)	20
Colour Variation Initial (SDCM)	N/A
Photobiological Risk Group	Not applicable
Wattage (W)	53
Product Voltage (V)	85
Dimmable	No
Dimming method	Mains: leading / trailing edge
Average life (Nominal) (h)	24000
Product EAN number	5410288206875

DATA TABLE

General data

Product name	SHP-TS 50W/CL E27 SLV
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Optical data

Luminous flux (lm)	4200
Luminous flux (Rated) (lm)	4200
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)	53
Current (A)	0.76
Product Voltage (V)	85
Control gear required	Yes
Transformer required	No
Dimmable	No
Dimming method	Mains: leading / trailing edge
Lamp Energy Label (class)	G
kWh per 1000 hours burning time	55

Lifetime data

Average life (Nominal) (h)	24000
Average life (Rated) (h)	24000
Life T90	12000
Rated survival factor (%) at 2000 h 50Hz	100
Rated survival factor (%) at 4000 h 50Hz	99
Rated survival factor (%) at 6000 h 50Hz	98
Rated survival factor (%) at 8000 h 50Hz	97
Rated survival factor (%) at 12000 h 50Hz	90
Rated survival factor (%) at 16000 h 50Hz	79

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Rated survival factor (%) at 20000 h
50Hz 66

Physical data

Nominal Product Length (mm)	156
Nominal Product Diameter (mm)	39
Max. Lamp Diameter (mm) - D	39
Weight (kg)	0.053

Packaging

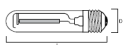
Single packaging type	Carton
Product EAN number	5410288206875
Packaging single length / height (cm)	20.0
Packaging single width (cm)	4.2
Packaging single depth (cm)	4.2
DUN14 (outer)	15410288206872
Units per outer package	40
Packaging outer length / height (cm)	42.0
Packaging outer width (cm)	28.0
Packaging outer depth (cm)	21.0

Safety data

Lamp mercury content (mg)	7.2
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	No
Suitable for household illumination	No

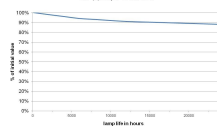
TECHNICAL DRAWINGS

SHP-TS

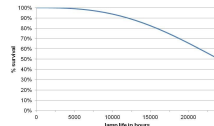


SHP-TS	35W	50W	70W	100W	150W	250W	400W
L	156	156	156	211	211	260	292
D	39	39	39	48	48	48	48

Lumen Maintenance curve
SHP-TS Super 50



Survival Curve: SHP-TS Super 50



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53
kWh/1000h



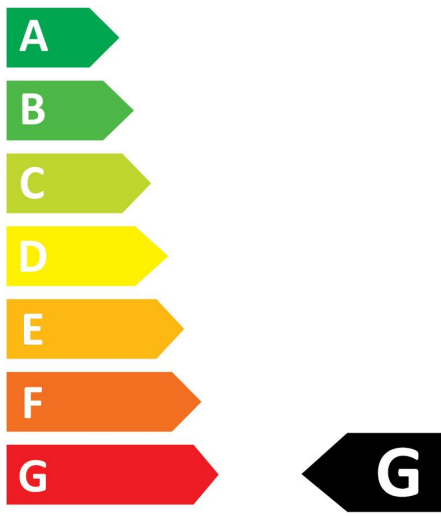
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53
kWh/1000h



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