SHP-TS TwinArc
SHP-TS 100W TWINARC E40 SL
0020724

Product features

- - Range of high pressure sodium lamps with double arc tube construction, - Dual arc tube design guarantees immediate re-strike after a power interruption, - Double lamp life and reduced occurrence of early failures, -Ideal for applications which are difficult to access, or where maintenance is expensive, -Perfect for tunnels, airports, military installations, harbours and industrial sites

PRODUCT OVERVIEW

Product name	SHP-TS 100W TWINARC E40 SL
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	4845530
E-number SE	8358007
E-number Norway	3824244
Luminous flux (lm)	10290

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)	55000
Product EAN number	5410288207247

DATA TABLE

General data

Product name	SHP-TS 100W TWINARC E40 SL
Technology	HID
Watt (Rated) (W)	100
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Optical data

|	
Luminous flux (lm)	10290
Luminous flux (Rated) (lm)	10290
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)	55000
Average life (Rated) (h)	55000
Life T90	24000
Rated survival factor (%) at 2000 h 50Hz	100
Rated survival factor (%) at 4000 h 50Hz	100
Rated survival factor (%) at 6000 h 50Hz	100
Rated survival factor (%) at 8000 h 50Hz	99
Rated survival factor (%) at 12000 h 50Hz	98
Rated survival factor (%) at 16000 h 50Hz	96
Rated survival factor (%) at 20000 h 50Hz	93

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	5410288207247
Packaging single length / height (cm)	22.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (outer)	15410288207244
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)	8
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	No

Suitable for household illumination	No

PHOTOMETRY

SHP 100W

TECHNICAL DRAWINGS

Lumen Maintenance curve: SHP-(T)S Twinarc 70-400W

Survival Curve: SHP-(T)S Twinarc 70-400W
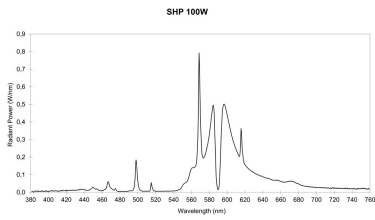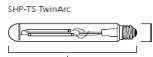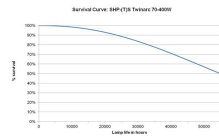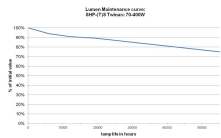
SHP-TS TwinArc

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

ENERG

SYLVANIA

0020724

A
B
C
D
E
F
G

F
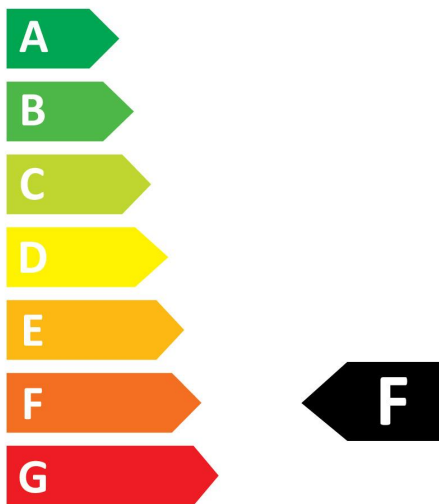
100
kWh/1000h

2019/2015

SYLVANIA

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ENERG⚡

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A	
B	
C	
D	
E	
F	**F**
G	

100
kWh/1000h

2019/2015