

SHP-TS GroLux

SA SHP-TS 400W GROLUX E40 SLV

0020807



Range Features

- Patented arc tube delivers highest photosynthetic efficiency of any lamp in the world
- Performance maintained at an exceptional level due to improved structure of outer bulb
- Optimised for the highest Phytolumens or PAR output
- GroLux light spectrum maximises red output essential for plant growth
- Industry leading lumen maintenance of 95% at the end of life
- Suitable for a plethora of applications related to plant growth



PRODUCT OVERVIEW

Lamp finish	clear
Lamp shape	tubular
Colour temperature (K)	2050
CRI (Ra)	20
Dimmable	Yes

SHP-TS GroLux

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EAN code	5410288208077
Energy class	A++
Cap/Base	E40
Type	SHP-TS
Watt (Nominal) (W)	425
Light colour	0
Ordering number	0020807
Efficacy (Rated) (lm/w)	137
Average life (Rated) (h)	26000
Luminous flux (Rated) (lm)	58000
Technology	HID
Voltage (V)	120

DATA TABLE

Optical data

Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	2050
CRI (Ra)	20
Light colour	0
Luminous flux (Nominal) (lm)	58000
Rated lumen maint. factor at 12000 h	0.91
Rated lumen maint. factor at 12000 h 50Hz	0.91
Rated lumen maint. factor at 16000 h	0.9
Rated lumen maint. factor at 16000 h 50Hz	0.9
Rated lumen maint. factor at 20000 h	0.89
Rated lumen maint. factor at 20000 h 50Hz	0.89
Rated lumen maint. factor at 2000 h	0.98
Rated lumen maint. factor at 2000 h 50Hz	0.98
Rated lumen maint. factor at 4000 h	0.96
Rated lumen maint. factor at 4000 h 50Hz	0.96
Rated lumen maint. factor at 6000 h	0.94
Rated lumen maint. factor at 6000 h 50Hz	0.94
Rated lumen maint. factor at 8000 h	0.93
Rated lumen maint. factor at 8000 h 50Hz	0.93
Luminous flux (Rated) (lm)	58000

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General data

Average life (Nominal) (h)	26000
Control gear required	yes
Lamp finish	clear
Lamp shape	tubular
Dimmable	Yes
EAN code	5410288208077
Energy class	A++
Fixture rating	open
General application	Logistics and Industry; Outdoor
IEC Reference	IEC 60662
IEC Reference 2	IEC 62035
Intended purpose	General lighting
Cap/Base	E40
Lamp mercury content (mg)	22.7
Type	SHP-TS
Life T90	12000
Ordering number	0020807

Patented arc tube delivers highest photosynthetic efficiency of any lamp in the world
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Range features

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GroLux light spectrum maximises red output essential for plant growth
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Product name	SA SHP-TS 400W GROLUX E40 SLV
Average life (Rated) (h)	26000
Rated survival factor at 12000 h	0.9
Rated survival factor at 12000 h 50Hz	0.9
Rated survival factor at 16000 h	0.79
Rated survival factor at 16000 h 50Hz	0.79
Rated survival factor at 20000 h	0.66
Rated survival factor at 20000 h 50Hz	0.66
Rated survival factor at 2000 h	1
Rated survival factor at 2000 h 50Hz	1
Rated survival factor at 4000 h	0.99
Rated survival factor at 4000 h 50Hz	0.99
Rated survival factor at 6000 h	0.98
Rated survival factor at 6000 h 50Hz	0.98
Rated survival factor at 8000 h	0.97
Rated survival factor at 8000 h 50Hz	0.97
Special purpose lamp	No

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Technology	HID
Transformer required	no
Sales pack quantity	12
E-number SE	8358018
E-number FI	4844454

Electrical data

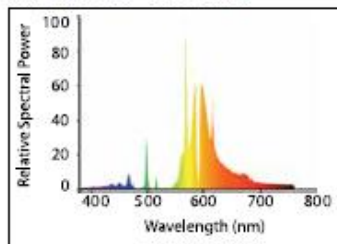
Current (A)	4
kWh per 1000 hours burning time	468
Watt (Nominal) (W)	425
Efficacy (Rated) (lm/w)	137
Watt (Rated) (W)	425
Voltage (V)	120

Physical data

Max. Lamp Diameter (mm) - D	48
Lamp Length (mm) - C/L	292
Single packaging type	Box/Sleeve
Weight (kg)	0.18
Outer package dimensions (L x W x H) (cm)	28.00 x 23.00 x 33.00
Single package dimensions (L x W x H) (cm)	30.50 x 5.00 x 5.00

PHOTOMETRY

Sodium SHP-TS GroLux



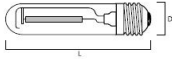
TECHNICAL DRAWINGS

SHP-TS GroLux

SA SHP-TS 400W GROLUX E40 SLV

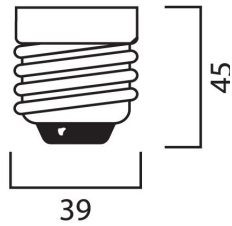
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SHP-TS GROLUX



SHP-TS GroLux	250W	400W	600W
L	260	292	292
D	48	48	48

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SYLVANIA 0020807

A⁺⁺

A⁺

A

B

C

D

E

A⁺⁺

468 kWh/1000h