

Gro-Lux HPS

GRO-LUX SHP-TS 400W E40 SLV

0020807



Product features

- Gro-Lux High Pressure Sodium 400W grow lamp | Patented arc tube delivers the highest photosynthetic efficiency | Performance maintained at an exceptional level due to improved structure of the outer bulb, - Optimised for the highest Phytolumens or PAR output | Industry leading lumen maintenance of 95% at the end of life | For use as complete or additional artificial lighting of plants | Recommended for use in greenhouses and indoor lighting.



PRODUCT OVERVIEW

IPC Code	0020807
Product name	GRO-LUX SHP-TS 400W E40 SLV
Technology	HID
Watt (Rated) (W)	425
Lamp shape	High Pressure Sodium
Type	SHP-TS
Cap/Base	E40

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Lamp finish	clear
Fixture rating	Open
General application	Logistics & Industry
Certifications	00
ETIM Class	EC000821
E-number FI	4844454
E-number SE	8358018
E-number Norway	3800733
Luminous flux (lm)	58000
Colour temperature (K)	2050
Light colour	Grolux
CRI (Ra)	20
Wattage (W)	425
Product Voltage (V)	120
Average life (Nominal) (h)	26000
Product EAN number	5410288208077

DATA TABLE

General data

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Optical data

Luminous flux (lm)	58000
Luminous flux (Rated) (lm)	58000
Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	2050
Light colour	Grolux
CRI (Ra)	20
Adjustable chromaticity	N
Rated lumen maint. factor (%) at 4000 h 50Hz	96
Rated lumen maint. factor (%) at 6000 h 50Hz	94

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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)	425
Current (A)	0.004
Product Voltage (V)	120
Control gear required	Yes
Transformer required	No
Lamp Energy Label (class)	A++
Energy efficiency level	A++
kWh per 1000 hours burning time	468

Lifetime data

Average life (Nominal) (h)	26000
Average life (Rated) (h)	26000
Life T90	16000
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
Rated survival factor (%) at 20000 h 50Hz	66

Physical data

Max. Lamp Diameter (mm) - D	48
Weight (kg)	0.152

Packaging

Single packaging type	Carton
Product EAN number	5410288208077
Packaging single length / height (cm)	30.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (outer)	15410288208074
Units per outer package	12
Packaging outer length / height (cm)	28.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	33.0

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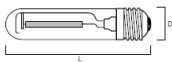
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Safety data

Lamp mercury content (mg)	22.7
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	Yes
Intended purpose	Horticulture lamp
Suitable for household illumination	No

TECHNICAL DRAWINGS

SHP-TS GROLUX



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

ENERGY LABEL

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468 Wh/1000h