

Gro-Lux® HPS

GRO-LUX SHP-TS 600W E40 SLV
0020808



Product features

- Gro-Lux High Pressure Sodium 600W 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.

UK
CA



NOT SUITABLE FOR
HOUSEHOLD ROOM
ILLUMINATION



PRODUCT OVERVIEW

Product name	GRO-LUX SHP-TS 600W E40 SLV
Technology	HID
Type	SHP-TS
Cap/Base	E40
Lamp finish	Clear
Fixture rating	Open
General application	SPG

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ETIM Class	EC000821
E-number FI	4844455
E-number SE	8358019
E-number Norway	3800734
Luminous flux (lm)	90000
Colour temperature (K)	2050
Light colour	Grolux
CRI (Ra)	20
Wattage (W)	615
Product Voltage (V)	230
Average life (Nominal) (h)	26000
Product EAN number	5410288208084
Dimming method	Mains: leading / trailing edge

DATA TABLE

General data

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Optical data

Luminous flux (lm)	90000
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
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

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Electrical data

Wattage (W)	615
Current (A)	5.5
Product Voltage (V)	230
Control gear required	Yes
Transformer required	No
kWh per 1000 hours burning time	677

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

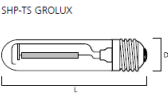
Single packaging type	Carton
Product EAN number	5410288208084
Packaging single length / height (cm)	30.5
Packaging single width (cm)	5.0
Packaging single depth (cm)	5.0
DUN14 (outer)	15410288208081
Units per outer package	12
Packaging outer length / height (cm)	28.0
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	33.0

Safety data

Lamp mercury content (mg)	32.4
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	Yes
Intended purpose	Horticulture
Suitable for household illumination	No

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TECHNICAL DRAWINGS



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