

## GroXpress HPS

GROXPRESS SHP-T 600W E40  
0020818



### Product features

- Arc tube delivers high photosynthetic efficiency - Optimised for High Phytolumens or PAR output - For complete or additional artificial lighting of plants - Recommended for use in small to medium scale greenhouses and indoor gardens.



## PRODUCT OVERVIEW

IPC Code	0020818
Product name	GROXPRESS SHP-T 600W E40
Technology	HID
Watt (Rated) (W)	600
Lamp shape	Tubular shape
Type	SHP-T
Cap/Base	E40
Lamp finish	Clear
General application	Logistics & Industry
Certifications	00
ETIM Class	EC000821
Luminous flux (lm)	90000
Colour temperature (K)	2050
Light colour	Grolux
CRI (Ra)	20
Wattage (W)	600
Product Voltage (V)	115
Dimmable	Yes
Average life (Nominal) (h)	24000
Product EAN number	5410288208183

## DATA TABLE

### General data

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Certifications	00
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### Optical data

Luminous flux (lm)	90000
Luminous flux (Rated) (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	95
Rated lumen maint. factor (%) at 8000 h 50Hz	93
Rated lumen maint. factor (%) at 12000 h 50Hz	90
Rated lumen maint. factor (%) at 16000 h 50Hz	88
Rated lumen maint. factor (%) at 20000 h 50Hz	86

### Electrical data

Wattage (W)	600
Current (A)	5.8
Product Voltage (V)	115
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Lamp Energy Label (class)	A++
kWh per 1000 hours burning time	660

### Lifetime data

Average life (Nominal) (h)	24000
Average life (Rated) (h)	24000
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	93
Rated survival factor (%) at 16000 h 50Hz	90
Rated survival factor (%) at 20000 h 50Hz	86

### Physical data

Length base to pin Min-Max (mm) - B	853.7-856.1
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Max. Lamp Diameter (mm) - D	48
Weight (kg)	0.173

### Packaging

Single packaging type	Carton
Product EAN number	5410288208183
Packaging single length / height (cm)	32.8
Packaging single width (cm)	5.1
Packaging single depth (cm)	5.1
DUN14 (outer)	15410288208180
Units per outer package	12
Packaging outer length / height (cm)	35.0
Packaging outer width (cm)	17.5
Packaging outer depth (cm)	22.5

### Safety data

Lamp mercury content (mg)	24.00
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Intended purpose	Horticulture lamp
Suitable for household illumination	No

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