

## GroXpress HPS GROXPRESS SHP-T 250W E40 0020816



### 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 greenhouses and indoor gardens.



## PRODUCT OVERVIEW

Product name	GROXPRESS SHP-T 250W E40
Technology	HID
Type	SHP-T
Cap/Base	E40
Lamp finish	Clear
General application	SPG
ETIM Class	EC000821
Luminous flux (lm)	33000
Colour temperature (K)	2000
Light colour	Grolux
CRI (Ra)	20
Wattage (W)	250
Product Voltage (V)	100
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Average life (Nominal) (h)	24000
Product EAN number	5410288208169

## DATA TABLE

### General data

Product name	GROXPRESS SHP-T 250W E40
Technology	HID
Type	SHP-T
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### Optical data

Luminous flux (lm)	33000
Ambient temperature for maximum luminous flux (°C)	25

## GroXpress HPS

*GROXPRESS SHP-T 250W E40*  
0020816

Colour temperature (K)	2000
Light colour	Grolux
CRI (Ra)	20
Adjustable chromaticity	N
Lumen maintenance at end of nominal life (%)	75
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)	250
Current (A)	0.003
Product Voltage (V)	100
Control gear required	Yes
Transformer required	No
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
kWh per 1000 hours burning time	275

### Lifetime data

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

### Physical data

Max. Lamp Diameter (mm) - D	48
Weight (kg)	0.141

### Packaging

Single packaging type	Carton
Product EAN number	5410288208169

## GroXpress HPS

*GROXPRESS SHP-T 250W E40*  
0020816

Packaging single length / height (cm)	5.0
Packaging single width (cm)	5.03
Packaging single depth (cm)	29.83
DUN14 (outer)	15410288208166
Units per outer package	12
Packaging outer length / height (cm)	21.3
Packaging outer width (cm)	16.0
Packaging outer depth (cm)	31.2

### Safety data

Lamp mercury content (mg)	8.00
Breakage cleaning instructions	Applicable
Recommendation for disposal at end of life	Applicable
Special purpose lamp	Yes
Intended purpose	Horticulture
Suitable for household illumination	No