

GroXpress HPS

GROXPRESS SHP-T 400W E40
0020817



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

| | |
|----------------------------|--------------------------------|
| Product name | GROXPRESS SHP-T 400W E40 |
| Technology | HID |
| Type | SHP-T |
| Cap/Base | E40 |
| Lamp finish | Clear |
| General application | SPG |
| ETIM Class | EC000821 |
| Luminous flux (lm) | 55000 |
| Colour temperature (K) | 2000 |
| Light colour | Grolux |
| CRI (Ra) | 20 |
| Wattage (W) | 400 |
| Product Voltage (V) | 100 |
| Dimmable | Yes |
| Dimming method | Mains: leading / trailing edge |
| Average life (Nominal) (h) | 24000 |
| Product EAN number | 5410288208176 |

DATA TABLE

General data

| | |
|---------------------|--------------------------|
| Product name | GROXPRESS SHP-T 400W E40 |
| Technology | HID |
| Type | SHP-T |
| Cap/Base | E40 |
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| General application | SPG |
| ETIM Class | EC000821 |

Optical data

| | |
|--|-------|
| Luminous flux (lm) | 55000 |
| Ambient temperature for maximum luminous flux (°C) | 25 |
| Colour temperature (K) | 2000 |

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| | |
|---|--------|
| 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) | 400 |
| Current (A) | 4.6 |
| 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 | 440 |

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) | 0.153 |

Packaging

| | |
|---------------------------------------|---------------|
| Single packaging type | Carton |
| Product EAN number | 5410288208176 |
| Packaging single length / height (cm) | 5.03 |

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| | |
|--------------------------------------|----------------|
| Packaging single width (cm) | 5.0 |
| Packaging single depth (cm) | 32.67 |
| DUN14 (outer) | 15410288208173 |
| Units per outer package | 12 |
| Packaging outer length / height (cm) | 21.8 |
| Packaging outer width (cm) | 16.0 |
| Packaging outer depth (cm) | 34.1 |

Safety data

| | |
|--|--------------|
| Lamp mercury content (mg) | 16.00 |
| Breakage cleaning instructions | Applicable |
| Recommendation for disposal at end of life | Applicable |
| Special purpose lamp | Yes |
| Intended purpose | Horticulture |
| Suitable for household illumination | No |