

## SHP-T GroExpress

SHP-T 250W GROXPRESS E40

### 0020816



#### Product features

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### PRODUCT OVERVIEW

Lamp finish	Clear
Lamp shape	High Pressure Sodium
Colour temperature (K)	2000
CRI (Ra)	20
Dimmable	Yes
EAN code	5410288208169
Energy class	A++
Cap/Base	E40
Beam angle(°)	-
Type	SHP-T
Watt (Nominal) (W)	250
Ordering number	0020816
Efficacy (Rated) (lm/w)	132
Average life (h) - L70/B50	24000
Luminous flux (Rated) (lm)	33000
Technology	HID

### DATA TABLE

#### Optical data

Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	2000
CRI (Ra)	20
Beam angle(°)	-
Lumen maintenance at end of nominal life (%)	75
Luminous flux (Nominal) (lm)	33000

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Rated lumen maint. factor at 12000 h 50Hz	0.9
Rated lumen maint. factor at 16000 h 50Hz	0.88
Rated lumen maint. factor at 20000 h 50Hz	0.86
Rated lumen maint. factor at 2000 h 50Hz	0.97
Rated lumen maint. factor at 4000 h 50Hz	0.96
Rated lumen maint. factor at 6000 h 50Hz	0.95
Rated lumen maint. factor at 8000 h 50Hz	0.93
Luminous flux (Rated) (lm)	33000

#### General data

Average life (h) at Ta 25° C	24000
Control gear required	yes
Lamp finish	Clear
Lamp shape	High Pressure Sodium
Dimmable	Yes
EAN code	5410288208169
Energy class	A++
General application	Logistics and Industry; Outdoor
IEC Reference	IEC 62838
IEC Reference 2	IEC 62471
Intended purpose	Not for general lighting purposes
Cap/Base	E40
Lamp mercury content (mg)	8
Type	SHP-T
Life T90	16000
Ordering number	0020816
Product name	SHP-T 250W GROXPRESS E40
Average life (h) - L70/B50	24000
Rated survival factor at 12000 h 50Hz	0.93
Rated survival factor at 16000 h 50Hz	0.9
Rated survival factor at 20000 h 50Hz	0.86
Rated survival factor at 2000 h 50Hz	1
Rated survival factor at 4000 h 50Hz	0.99
Rated survival factor at 6000 h 50Hz	0.98
Rated survival factor at 8000 h 50Hz	0.97
Technology	HID
Transformer required	no

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<b>Photosynthetically active radiation (PAR)</b>	370
<b>Photosynthetic Photon Flux (PPF) (phyto-lm)</b>	66000

#### Electrical data

<b>Current (A)</b>	3
<b>Ignition voltage (V)</b>	0
<b>kWh per 1000 hours burning time</b>	275
<b>Watt (Nominal) (W)</b>	250
<b>Efficacy (Rated) (lm/w)</b>	132
<b>Watt (Rated) (W)</b>	250

#### Physical data

<b>Max. Lamp Diameter (mm) - D</b>	48
<b>Lamp Length (mm) - C/L</b>	260

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