

SHP-T GroExpress

SHP-T 400W GROXPRESS E40

0020817



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	5410288208176
Energy class	A++
Cap/Base	E40
Beam angle(°)	-
Type	SHP-T
Watt (Nominal) (W)	400
Ordering number	0020817
Efficacy (Rated) (lm/w)	137
Average life (h) - L70/B50	24000
Luminous flux (Rated) (lm)	55000
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)	55000

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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)	55000

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	5410288208176
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)	16
Type	SHP-T
Life T90	16000
Ordering number	0020817
Product name	SHP-T 400W 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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Photosynthetically active radiation (PAR)	640
Photosynthetic Photon Flux (PPF) (phyto-lm)	115000

Electrical data

Current (A)	4.6
Ignition voltage (V)	0
kWh per 1000 hours burning time	440
Watt (Nominal) (W)	400
Efficacy (Rated) (lm/w)	137
Watt (Rated) (W)	400

Physical data

Max. Lamp Diameter (mm) - D	48
Lamp Length (mm) - C/L	292

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