Product datasheet
PLANTASTAR 600 W 400 V E40

PLANTASTAR-T | High-pressure sodium vapor lamps for open and enclosed luminaires



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Technical data

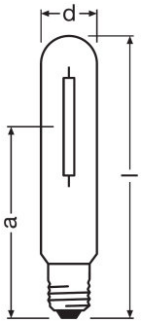
Electrical data

Ignition voltage	4.0/5.0 kVp
Nominal current	3.44 A A

Photometrical data

Rated LLMF at 2,000 h	0.98
Rated LLMF at 4,000 h	0.97
Rated LLMF at 6,000 h	0.95
Rated LLMF at 8,000 h	0.94
Rated LLMF at 12,000 h	0.93
Rated LLMF at 16,000 h	0.92
Rated LLMF at 20,000 h	0.91
Luminous flux	86500 lm

Dimensions & weight



Light center length (LCL)	175,0 mm
Product weight	150.00 g
Overall length	285.00 mm

Temperatures & operating conditions

Maximum permitted base edge temperature	250 °C

Lifespan

Lifespan B50	24000 h
Lifespan B10	16000 h
Lifespan B5	12000 h

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Additional product data

Product remark	Not for general lighting
Design / version	Clear
Mercury content	21.6 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Burning position	Any
Enclosed luminaire required	No

Certificates & standards

Energy consumption	628.00 kWh/1000h

Country specific categorizations

ILCOS	ST-600-E/E-E40-47/285

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4008321284303
Declaration No. in SCIP database	In work

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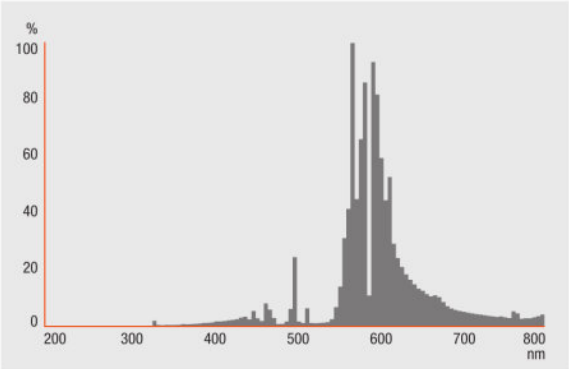
Light Distribution



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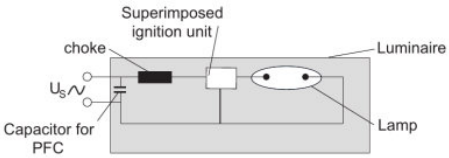

OPERATION OF HIGH INTENSITY DISCHARGE LAMPS
WITH A SUPERIMPOSED IGNITION UNIT

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321284303	PLANTASTAR 600 W 400 V E40	Shipping carton box 12 Pieces Sleeves	266 mm x 216 mm x 342 mm	19.65 dm^3	2748.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

OSRAM is distribution partner
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