



MASTER SDW-T

MASTER SDW-T 100W/825 PG12-1 1SL/12

Range of high-efficiency, discharge lamps with warm color to be used in open luminaires

Product data

• General Information

Cap-Base	PG12-1 [PG12-1]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	5000 h
Life To 20% Failures (Nom)	10000 h
Life To 50% Failures (Nom)	15000 h
Useful Life (Nom)	10000 h
Ansi Code HID	-
System Description	High Voltage [200-250V (HV)]

• Light Technical

Color Code	825 [CCT of 2500K]
Luminous Flux (Nom)	5000 lm
Color Designation	Golden White
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	464
Chromaticity Coordinate Y (Nom)	404
Correlated Color Temperature (Nom)	2500 K
Luminous Efficacy (rated) (Nom)	52 lm/W
Color Rendering Index (Nom)	83

• Operating and Electrical

Power (Rated) (Nom)	100 W
Lamp Current Run-Up (Max)	2.8 A
Lamp Current (EM) (Nom)	1.31 A
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	205 V
Voltage (Max)	108 V
Voltage (Min)	88 V
Voltage (Nom)	98 V

• Controls and Dimming

Dimmable	No
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• Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Hard Glass

• Approval and Application

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	11 mg

• Luminaire Design Requirements

Bulb Temperature (Max)	450 °C
Cap-Base Temperature (Max)	120 °C

PHILIPS

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Product Data

Full product code 871150073404415
Order product name MASTER SDW-T 100W/825 PG12-1 1SL/12
EAN/UPC - Product 8711500734044
Order code 928154109227

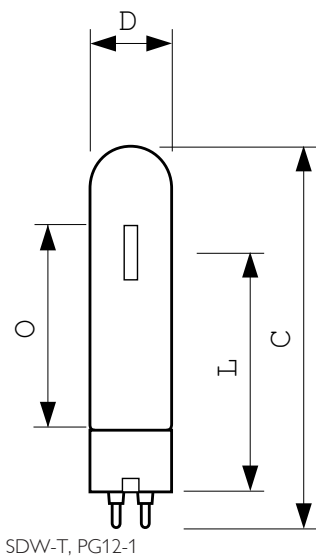
Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 12
Material Nr. (12NC) 928154109227
Net Weight (Piece) 0.055 kg
ILCOS Code STH-100-H/E-PG12

Warnings and Safety

- Use only with dedicated Philips control gear
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and

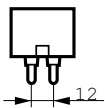
remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing

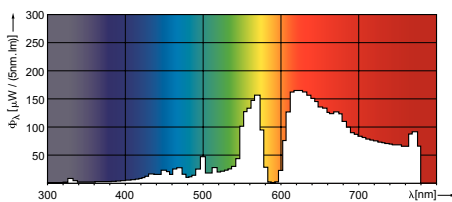


SDW-T 100W/825 PG12-1

Product	D	O	L	C
MASTER SDW-T 100W/825 PG12-1 1SL/12	32 mm	18.3 mm	91 mm	149 mm



Photometric data





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www.philips.com/lighting

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data subject to change