



MASTER SDW-T

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

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

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.

Product data

General Information	
Cap-Base	PG12-1
Operating Position	UNIVERSAL [Any or Universal (U)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	15,000 h
Useful Life (Nom)	10,000 h
Light Technical	
Color Code	825 [CCT of 2500K]
Luminous Flux	5,100 lm
Color Designation	Golden White
Chromaticity Coordinate X (Nom)	0.478
Chromaticity Coordinate Y (Nom)	0.415
Correlated Color Temperature (Nom)	2500 K
Luminous Efficacy (rated) (Nom)	52.58 lm/W
Color rendering index (CRI)	83
Arc Length O (Nom)	19 mm

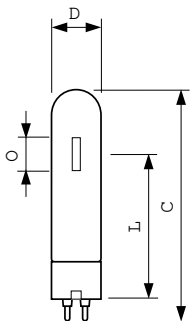
Operating and Electrical	
Power Consumption	97.0 W
Voltage (Nom)	97 V
Voltage (Nom)	97 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Hard Glass
Bulb Shape	T31
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	11.4 mg
Mercury (Hg) Content (Nom)	11.4 mg
Energy Consumption kWh/1000 h	97 kWh

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EPREL Registration Number	473397
Product Data	
Order product name	MASTER SDW-T 100W/825 PG12-1 1SL/12
Full product name	MASTER SDW-T 100W/825 PG12-1 1SL/12
Full product code	871150073404415
Local code description	SDWT100W
Order code	928154109227

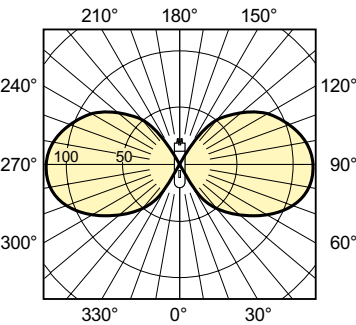
Material Nr. (12NC)	928154109227
Local order code	SDWT100W
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500734044
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500831163

Dimensional drawing

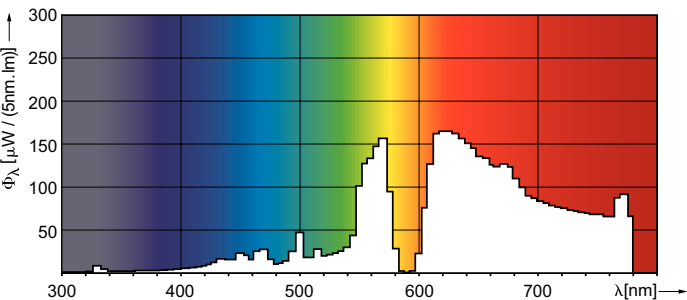


Product	D (max)	O	L	C (max)
MASTER SDW-T 100W/825 PG12-1 1SL/12	32 mm	18.3 mm	91 mm	149 mm

Photometric data



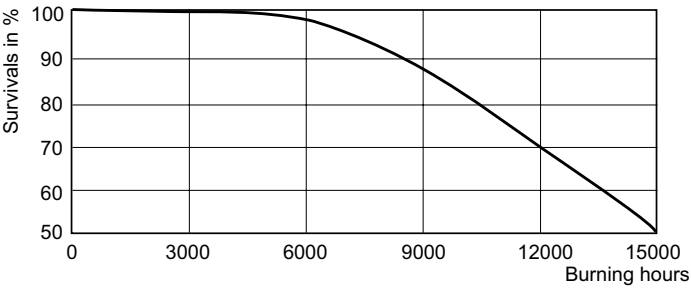
Light Distribution Diagram - MASTER SDW-T 100W/825 PG12-1 1SL/12



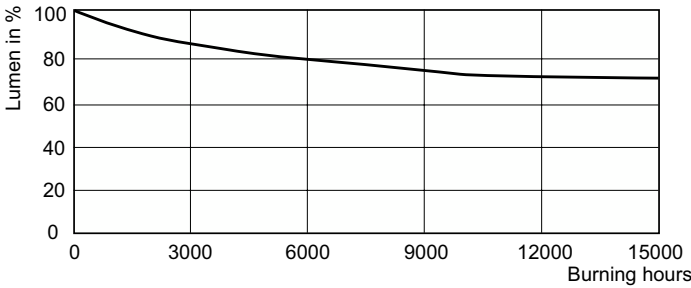
Spectral Power Distribution Colour - MASTER SDW-T 100W/825 PG12-1 1SL/12

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Lifetime



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



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

