



# 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	
Colour Code	825 [CCT of 2500K]
Luminous Flux	5,100 lm
Colour designation	Golden White
Chromaticity Coordinate X (Nom)	0.478
Chromaticity Coordinate Y (Nom)	0.415
Correlated Colour Temperature	2500 K
Luminous efficacy (rated) (nom.)	52.58 lm/W
Colour rendering index (CRI)	83
Arc Length O (Nom)	19 mm

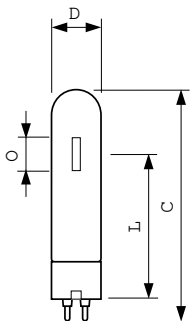
Operating and Electrical	
Power Consumption	97.0 W
Voltage (nom.)	97 V
Voltage (nom.)	97 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Hard Glass
Bulb shape	T31 [T 31 mm]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	11.4 mg
Mercury (Hg) content (nom.)	11.4 mg
Energy consumption kWh/1,000 hours	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 EOC	871150073404415
Order code	73404415
Material no. (12 NC)	928154109227

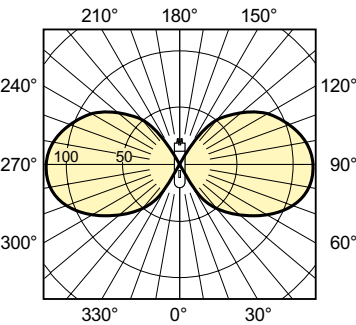
Local order code	100SDWT
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500734044
Numerator – packs per outer box	12
EAN/UPC - Case	8711500831163

Dimensional drawing

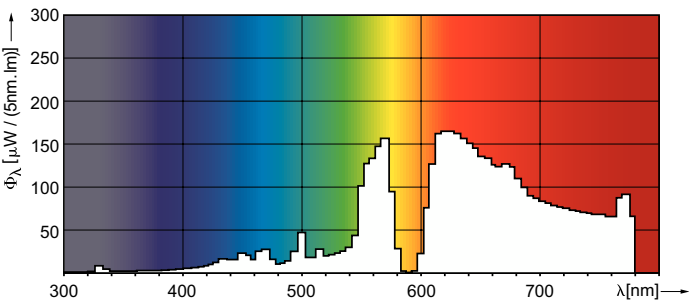


Product	D (max)	O	L	C (max)
MASTER SDW-T 100W/825 PG12-1 1SL/12	32 mm	18.3 mm	91 mm	149 mm

Photometric data



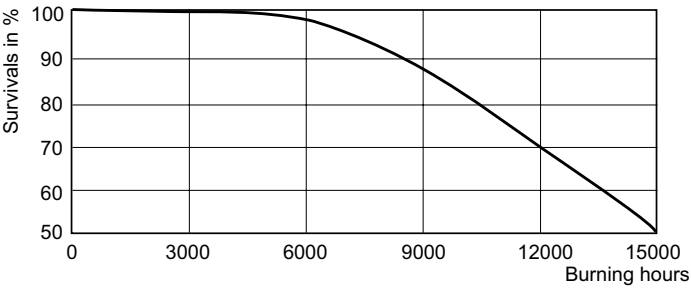
Light Distribution Diagram - MASTER SDW-T 100W/825 PG12-1 1SL/12



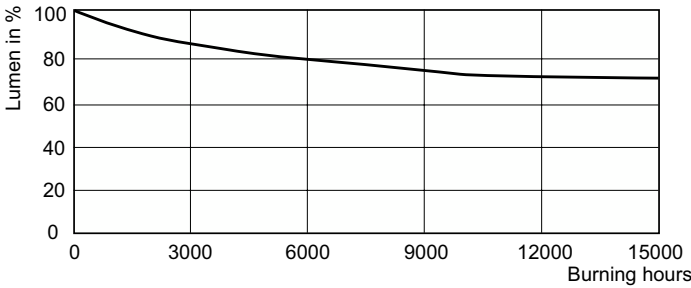
Spectral Power Distribution Colour - MASTER SDW-T 100W/825 PG12-1 1SL/12

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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

