



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 luminairs

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

Operating and Electrical					
Power Consumption	97.0 W				
Voltage (Nom)	97 V				
Voltage (Nom)	97 V				
General Information					
Cap-Base	PG12-1 [PG12-1]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Light Technical					
Color Code	825 [CCT of 2500K]				
Luminous Flux	5,100 lumen				
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				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Material	Hard Glass				
Bulb Shape	T31 [T 31mm]				
Approval and Application					
Mercury (Hg) Content (Max)	11.4 mg				
Mercury (Hg) Content (Nom)	11.4 mg				
Energy Consumption kWh/1000 h	97 kWh				
EPREL Registration Number	473,397				
Product Data					
Full product code	871150073404415				
Order product name	MASTER SDW-T 100W/825 PG12-1 1SL/12				

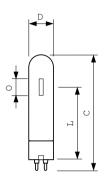
Datasheet, 2023, May 15 data subject to change

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Order code	928154109227
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material number (12NC)	928154109227

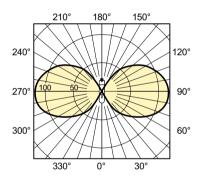
Full product name	MASTER SDW-T 100W/825 PG12-1 1SL/12		
EAN/UPC - Case	8711500831163		

Dimensional drawing

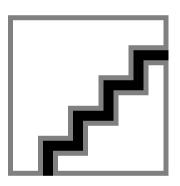


Product	D (max)	0	L	C (max)
MASTER SDW-T 100W/825 PG12-1 1SL/12	32 mm	18.3 mm	91 mm	149 mm

Photometric data

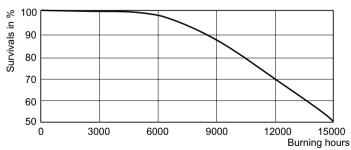


Light Distribution Diagram - MASTER SDW-T 100W/825 PG12-1 1SL/12



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

Lifetime



Lumen in % 80 60 40 20 0 0 3000 6000 9000 12000 15000 Burning hours

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

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

100

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