



Incredible colors, amazing atmosphere

MASTER SDW-T

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

Benefits

- Exceptional brightness and color rendering especially of warm colors, e.g. red and gold
- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps

Features

- Unique warm color quality
- Lamp design is well-suited to be used in luminaires for power-spots (high intensity) and high-bay general lighting

Application

- Shop lighting (create cosy atmosphere e.g. in furniture shops), excellent display of fresh goods (at butchers, bakeries, flower-shops) and decorative outdoor lighting (gas-lantern imitation)

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.

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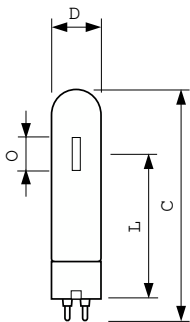
Versions



LPPR SDW-T 100W PG12-1



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
MASTER SDW-T 35W/825 PG12-1 1SL/12	32 mm	12.7 mm	91 mm	149 mm
MASTER SDW-T 50W/825 PG12-1 1SL/12	32 mm	15.4 mm	91 mm	149 mm

General Information

Cap-Base	PG12-1
Operating Position	UNIVERSAL

Light Technical

Chromaticity Coordinate X (Nom)	0.478
Chromaticity Coordinate Y (Nom)	0.415
Color Designation	Golden White
Correlated Color Temperature (Nom)	2500 K

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T31

Light Technical

Order Code	Full Product Name	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	82	45.45 lm/W	2,500 lm
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	83	52.58 lm/W	5,100 lm
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	81	40 lm/W	1,320 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	90 V	55.5 W
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	97 V	97.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	98 V	33.3 W

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Mechanical and Housing

Order Code	Full Product Name	Bulb Material
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	Soft Glass
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	Hard Glass

Order Code	Full Product Name	Bulb Material
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	Soft Glass

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	56 kWh	7.6 mg	7.6 mg
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	97 kWh	11.4 mg	11.4 mg
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	34 kWh	3.8 mg	3.8 mg

