



# MASTER SDW-T

MASTER SDW-T 50W/825 PG12-1 1SL

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

## Product data

### • General Characteristics

System Description	High Voltage [200-250V]
Cap-Base	PG12-1
Bulb	T31 [T 31mm]
Bulb Material	Soft Glass
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	8000 hr
Life to 20% failures	12000 hr
Life to 50% failures	15000 hr
Useful Life	10000 hr

### • Light Technical Characteristics

Color Code	825 [CCT of 2500K]
Color Rendering Index	80 (min), 83 (nom) Ra8
Color Designation (text)	Golden White
Color Temperature	2500 K
Color Temperature Technical	2500 K
Luminous Flux Lamp EM	2300 Lm
Luminous Efficacy Lamp EM	44 Lm/W
Lumen Maintenance 2000h	95 %
Lumen Maintenance 5000h	90 %
Luminance Average EM	400 cd/cm2
Chromaticity Coordinate X	471 -
Chromaticity Coordinate Y	409 -

### • Electrical Characteristics

Lamp Wattage	50 W
Lamp Wattage EM 25°C, Nominal	50.0 W
Lamp Wattage EM 25°C, Rated	53.0 W
Lamp Voltage	92 V
Lamp Current EM	0.76 A
Dimmable	No

### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	7.5 mg
Energy consumption kWh/1000h	58 kWh

### • Luminaire Design Requirements

Cap-Base Temperature	120 (max) C
Bulb Temperature	350 (max) C

### • Product Dimensions

Overall Length C	149 (max) mm
Diameter D	32 (max) mm
Light Center Length L	91 mm
Arc Length O	16 mm

**PHILIPS**

# MASTER SDW-T

## • Product Data

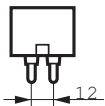
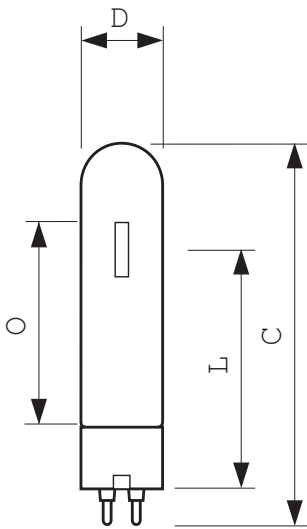
Order code 928153909227  
Full product code 928153909227  
Full product name MASTER SDW-T 50W/825 PG12-1 1SL  
Order product name MASTER SDW-T 50W/825 PG12-1 1SL/12  
Pieces per pack 1  
Packing configuration 12

Packs per outerbox 12  
Bar code on pack - EAN1 8711500734037  
Bar code on outerbox - EAN3 8711500183149  
Logistic code(s) - 12NC 928153909227  
ILCOS code STH-50-H/E-PG12  
Net weight per piece 0.048 kg

## Warnings and Safety

- Use only with dedicated Philips control gear

## Dimensional drawing

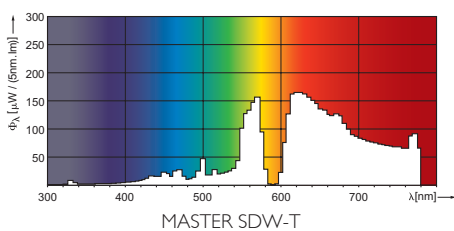


PG12-1

## MASTER SDW-T 50W/825 PG12-1 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SDW-T 50W/825 PG12-1	149	32	91	154

## Photometric data





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data subject to change