



MASTER SDW-T

MASTER SDW-T 100W/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	Hard Glass
Bulb Finish	Clear
Operating Position	any [Any or Universal (U)]
Life to 5% failures	5000 hr
Life to 20% failures	10000 hr
Useful Life	10000 hr
Life to 50% failures	15000 hr

• Electrical Characteristics

Lamp Wattage	100 W
Lamp Wattage EM	97.0 W
Lamp Voltage	98 V
Lamp Current EM	1.31 A
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	11 mg
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• 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
Chromaticity Coordinate X	464 -

Chromaticity Coordinate Y	404 -
Luminous Flux Lamp EM	5000 Lm
Luminous Efficacy Lamp EM	52 Lm/W
Lumen Maintenance 2000h	85 %
Lumen Maintenance 5000h	80 %
Luminance Average EM	530 cd/cm ²

• Product Dimensions

Overall Length C	149 (max) mm
Diameter D	32 (max) mm
Light Center Length L	91 mm
Arc Length O	19 mm

• Luminaire Design Requirements

Cap-Base Temperature	120 (max) C
Bulb Temperature	450 (max) C

• Product Data

Order code	928154109227
Full product code	928154109227
Full product name	MASTER SDW-T 100W/825 PG12-1 1SL
Order product name	MASTER SDW-T 100W/825 PG12-1 1SL/12
Pieces per pack	1
Packing configuration	12

PHILIPS

sense and simplicity

MASTER SDW-T

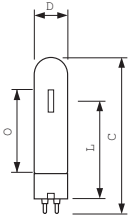
Packs per outerbox 12
Bar code on pack - EAN1 8711500734044
Bar code on outerbox - EAN3 8711500831163

Logistic code(s) - 928154109227
12NC
ILCOS code STH-100-H/E-PG12
Net weight per piece 0.055 kg

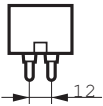
Warnings and Safety

- Use only with dedicated Philips control gear

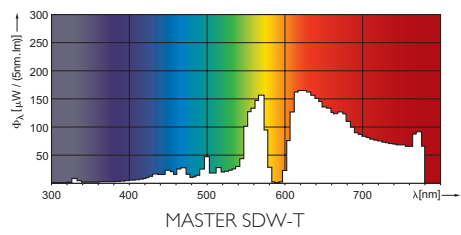
Dimensional drawing



Product	C (Max)	D (Max)	L (Norm)	O (Norm)
SDW-T 100W/825 PG12-1	149	32	91	18.3



Photometric data



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data subject to change