



# MASTER SDW-T

## MASTER SDW-T 35W/825 PG12-1 1SL/12

Range of high-efficiency, discharge lamps with warm color 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 [ PG12-1]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life to 5% Failures (Nom)	8000 h
Life to 20% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	15000 h
Useful Life (Nom)	10000 h
ANSI Code HID	-
System Description	200 to 250V
Light Technical	
Color Code	825 [ CCT of 2500K]
Luminous Flux (Rated) (Nom)	1320 lm
Color Designation	Golden White
Lumen Maintenance 2000 h (Nom)	95 %
Lumen Maintenance 5000 h (Nom)	90 %
Chromaticity Coordinate X (Nom)	479
Chromaticity Coordinate Y (Nom)	417
Correlated Color Temperature (Nom)	2500 K

Luminous Efficacy (rated) (Nom)	40 lm/W
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	81
Operating and Electrical	
Power (Nom)	33.3 W
Lamp Current Run-Up (Max)	1.0 A
Lamp Current (EM) (Nom)	0.47 A
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	205 V
Voltage (Max)	106 V
Voltage (Min)	86 V
Voltage (Nom)	98 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

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Bulb Material	Soft Glass
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## Approval and Application

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	3.8 mg
Energy Consumption kWh/1000 h	36 kWh

## Luminaire Design Requirements

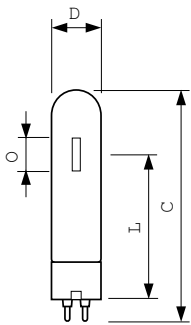
Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	120 °C

## Product Data

Full product code	871150073402015
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Order product name	MASTER SDW-T 35W/825 PG12-1 1SL/12
EAN/UPC - Product	8711500734020
Order code	928153809230
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928153809230
Net Weight (Piece)	0.048 kg
ILCOS Code	STH-35-H/E-PG12

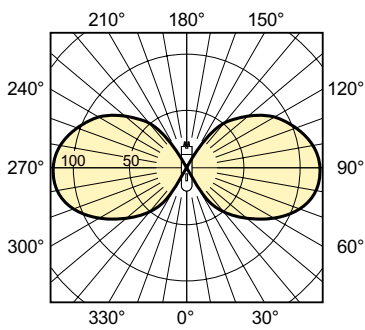
## Dimensional drawing



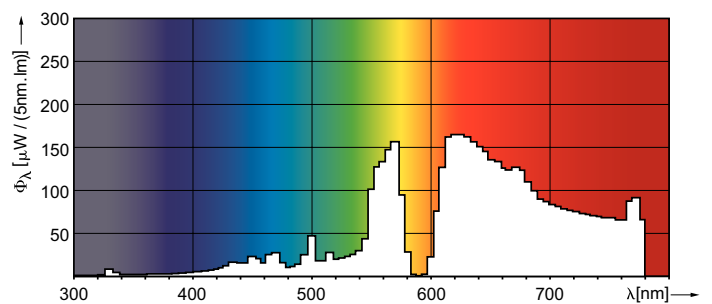
SDW-T 35W/825 PG12-1

Product	D (max)	O	L	C (max)
MASTER SDW-T 35W/825 PG12-1 1SL/12	32 mm	12.7 mm	91 mm	149 mm

## Photometric data



LDLD\_SDW-T-Light distribution diagram



LDPO\_SDW-T\_35W\_50W\_100W-Spectral power distribution Colour

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## Lifetime

