



MASTER SDW-T

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

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

Product data

General Information	
Cap base	PG12-1 [PG12-1]
Operating position	UNIVERSAL [Any/Universal]
Life to 5% failures (nom.)	5000 h
Life to 20% failures (nom.)	10000 h
Life to 50% failures (nom.)	15000 h
Useful life (nom.)	10000 h
ANSI code HID	-
System description	High Voltage [200-250V (HV)]
Light Technical	
Colour code	825 [CCT of 2,500 K]
Luminous flux (rated) (nom.)	5000 lm
Colour designation	Golden White
Lumen maintenance 2,000 hours (nom.)	85 %
Lumen maintenance 5,000 hours (nom.)	80 %
Chromaticity coordinate X (nom.)	464
Chromaticity coordinate Y (nom.)	404
Correlated colour temperature (nom.)	2500 K
Luminous efficacy (rated) (nom.)	52 lm/W
Color rendering index (nom.)	83
Operating and Electrical	
Power (Rated) (Nom)	97.0 W
Lamp current run-up (max.)	2.8 A

Lamp current (EM) (nom.)	1.31 A
Ignition peak voltage (max.)	5000 V
Ignition supply voltage (min.)	205 V
Voltage (Max)	108 V
Voltage (Min)	88 V
Voltage (Nom)	98 V
Controls and Dimming	
Dimmable	no
Mechanical and Housing	
Bulb finish	Clear
Bulb material	Hard Glass
Approval and Application	
Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	11.4 mg
Energy Consumption kWh/1000 h	107 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	450 °C
Cap base temperature (max.)	120 °C
Product Data	
Full product code	871150073404415

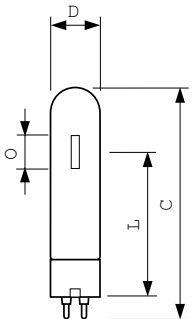
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Order product name	MASTER SDW-T 100W/825 PG12-1 1SL/12
EAN/UPC – product	8711500734044
Order code	73404415
Local Code	100SDWT
Numerator – quantity per pack	1
Numerator – packs per outer box	12

Material no. (12NC)	928154109227
Net weight (piece)	0.055 kg
ILCOS Code	STH-100-H/E-PG12

Warnings and Safety

Dimensional drawing

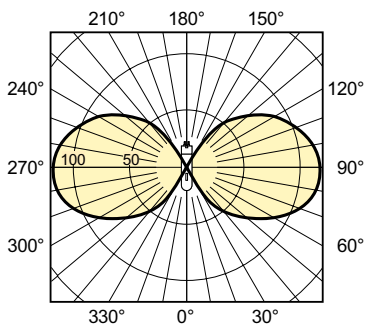


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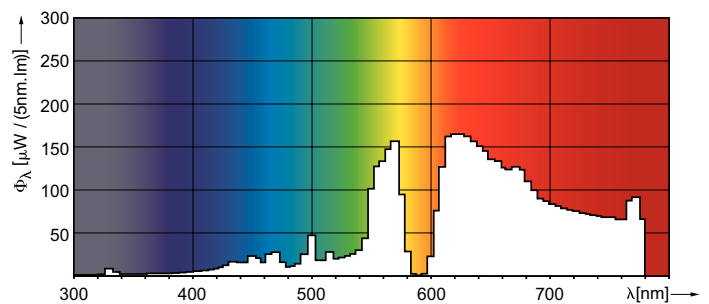
Product

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Photometric data



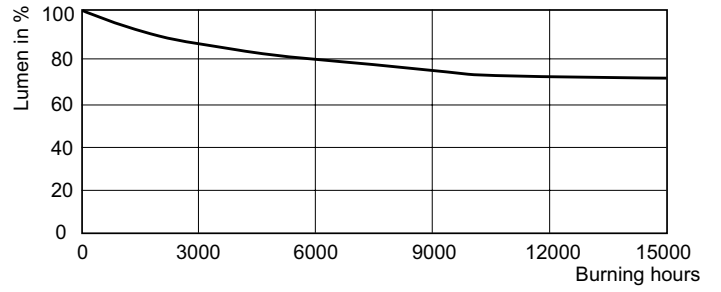
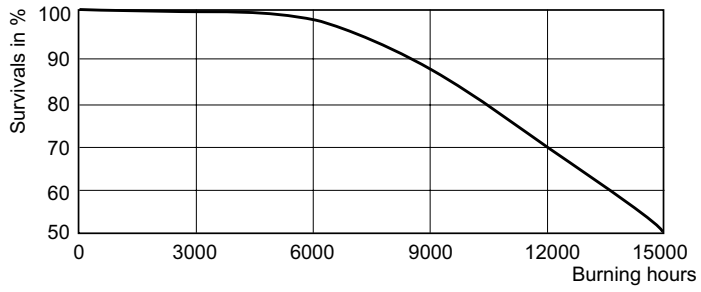
LDLD_SDW-T-Light distribution diagram



LDPO_SDW-T_35W_50W_100W-Spectral power distribution Colour

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Lifetime



LDLE_SDW-T_100W_825-Life expectancy diagram

