



Incredible colors, amazing atmosphere

MASTER SDW-T

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

Benefits

Features

Application

Warnings and Safety

Versions



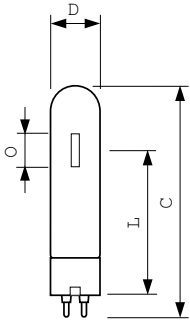
SDW-T, 50W, PG12-1



SDW-T, 100W, PG12-1

MASTER SDW-T

Dimensional drawing



Product
MASTER SDW-T 35W/825 PG12-1 1SL/12
MASTER SDW-T 50W/825 PG12-1 1SL/12
MASTER SDW-T 100W/825 PG12-1 1SL/12

Approval and Application	
Energy Efficiency Label (EEL)	B
Controls and Dimming	
Dimmable	No
General Information	
Cap-Base	PG12-1
Life To 50% Failures (Nom)	15000 h
Operating Position	UNIVERSAL
System Description	200 to 250V
Light Technical	
Color Code	825
Color Designation	Golden White
Correlated Color Temperature (Nom)	2500 K
Color Rendering Index (Nom)	83
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T31

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/		Mercury (Hg) Content (Nom)
		1000 h		
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	36 kWh		3.8 mg
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	58 kWh		7.6 mg
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	107 kWh		11.4 mg

Operating and Electrical (1/2)

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	0.48 A	106 V	86 V	96 V
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	0.76 A	102 V	82 V	92 V

Order Code	Full Product Name	Lamp			
		Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	1.31 A	108 V	88 V	98 V

Operating and Electrical (2/2)

Order Code	Full Product Name	Power (Rated) (Nom)
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	33.0 W
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	53.0 W

Order Code	Full Product Name	Power (Rated) (Nom)
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	97.0 W

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General Information

Order Code	Full Product Name	Life To 20% Failures (Nom)	Life To 5% Failures (Nom)
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	12000 h	8000 h
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	12000 h	8000 h

Order Code	Full Product Name	Life To 20% Failures (Nom)	Life To 5% Failures (Nom)
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	10000 h	5000 h

Luminaire Design Requirements

Order Code	Full Product Name	Bulb Temperature (Max)
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	350 °C
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	350 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	450 °C

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Lumen Maintenance	Lumen Maintenance
				2000 h (Nom)	5000 h (Nom)
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	479	417	95 %	90 %
928153909227	MASTER SDW-T 50W/825	471	409	95 %	90 %

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Lumen Maintenance	Lumen Maintenance
				2000 h (Nom)	5000 h (Nom)
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	464	404	85 %	80 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	40 lm/W	1300 lm
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	44 lm/W	2300 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
928154109227	MASTER SDW-T 100W/825 PG12-1 1SL/12	52 lm/W	5000 lm

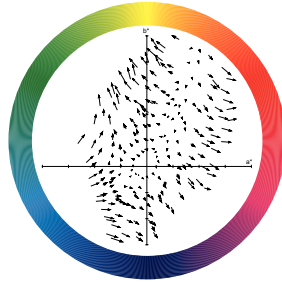
Mechanical and Housing

Order Code	Full Product Name	Bulb Material
928153809230	MASTER SDW-T 35W/825 PG12-1 1SL/12	Soft Glass
928153909227	MASTER SDW-T 50W/825 PG12-1 1SL/12	Soft Glass

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

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Color Rendering Diagrams



LDCR_SDW-T_100W-Colour rendering diagram

