



# MASTER SDW-TG Mini

MASTER SDW-TG Mini 100W/825 GX12-1 1CT

Range of high-efficiency, discharge lamps with warm colour to be used in small, open luminaires designed around MASTERColour CDM-T lamps

## Product data

### • General Characteristics

System Description	-
Cap-Base	GX12-1
Bulb	T19 [T 19mm]
Bulb Material	-
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures	5000 hr
Life to 20% failures	8000 hr
Life to 50% failures	10000 hr

### • Light Technical Characteristics

Colour Code	825 [CCT of 2500K]
Colour Rendering Index	80 (min), 83 (nom) Ra8
Colour Designation	Golden White
Colour Temperature	2500 K
Colour Temperature Technical	2500 K
Lamp Luminous Flux EL	4900 Lm
Lamp Luminous Efficacy EL	50 Lm/W
Lumen Maintenance 2000h	95 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	75 %
Chromaticity Coordinate X	469 -
Chromaticity Coordinate Y	406 -

### • Electrical Characteristics

System Power EL	112 W
Lamp Wattage	100 W
Lamp Wattage EL	99.0 W
25°C, Rated	
Lamp Wattage EL	100.0 W
25°C, Nominal	
Lamp Voltage	91 V
Lamp Current EL	1.1 A
Ignition Time	60 (max) s
Run-up time 90%	2 (max) min
Re-ignition Time [min]	1.5 (max) min
Dimmable	no

### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	13 mg
Energy consumption kWh/1000h	110 kWh

### • Luminaire Design Requirements

Cap-Base Temperature	280 (max) C
Pinch Temperature	350 (max) C
Bulb Temperature	650 (max) C

### • Product Dimensions

Reference Length A	96 (max) mm
Overall Length C	110 (max) mm
Diameter D	20 (max) mm

**PHILIPS**

# MASTER SDW-TG Mini

Light Center Length L	54.5 (min), 56 (nom), 57.5 (max) mm
Arc Length O	18 mm
Light Center Length L [inch]	4.2 in
Overall Length C [inch]	12.84375 (max) in
Diameter D [inch]	0.75 in

• **Product Data**

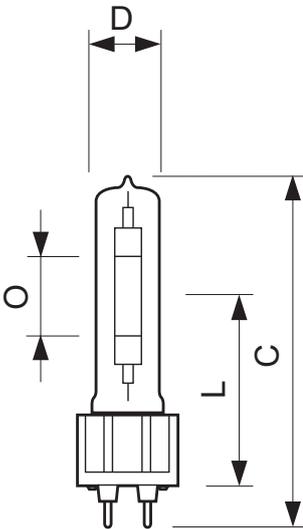
Order code	202338 15
Full product code	871150020233815
Full product name	MASTER SDW-TG Mini 100W/825 GX12-1 1CT

Order product name	MST SDW-TG Mini 100W/825 GX12-1 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500202338
Bar code on outerbox - EAN3	8711500202345
Logistic code(s) - 12NC	928158905131
ILCOS code	STH-100/25/1B-GX12-1
Net weight per piece	0.030 kg

## Warnings and Safety

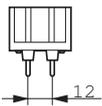
- Use only with dedicated Philips control gear

## Dimensional drawing



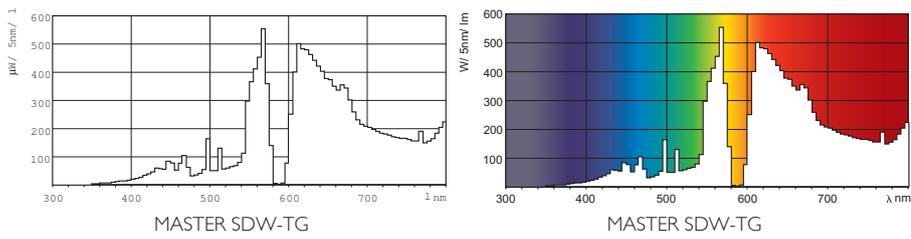
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Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)	O (Norm)
SDW-TG 100W/825 GX12-1	110	20	54.5	56	57.5	18



GX12-1

## Photometric data



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2013, October 4  
data subject to change