



# MASTER SDW-TG Mini

## MST SDW-TG Mini 100W/825 GX12-1 1CT/12

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

#### **Warnings and Safety**

- · Use only with dedicated Philips control gear
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- 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.
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#### **Product data**

General Information					
Cap-Base	GX12-1 [GX12-1]				
Operating Position	UNIVERSAL [Any or Universal (U)]				
Flux measurement reference	Sphere				
Life to 50% Failures (Nom)	10,000 hour(s)				
Light Technical					
Color Code	825 [CCT of 2500K]				
Luminous Flux	5,300 lm				
Color Designation	Golden White				
Chromaticity Coordinate X (Nom)	0.478				
Chromaticity Coordinate Y (Nom)	0.415				
Correlated Color Temperature (Nom)	2500 K				

Luminous Efficacy (rated) (Nom)	52 lm/W
Color rendering index (CRI)	82
Arc Length O (Nom)	18 mm
Operating and Electrical	
Power Consumption	102.0 W
Voltage (Nom)	91 V
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Controls and Dimming	
Dimmable	No

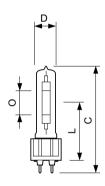
Datasheet, 2023, April 16 data subject to change

## **MASTER SDW-TG Mini**

Mechanical and Housing					
Bulb Finish	Clear				
Bulb Material	Glass				
Bulb Shape	T19 [T 19mm]				
Approval and Application					
Energy Efficiency Class	G				
Mercury (Hg) Content (Max)	15.2 mg				
Mercury (Hg) Content (Nom)	15.2 mg				
Energy Consumption kWh/1000 h	102 kWh				
EPREL Registration Number	473402				
Product Data					
Order product name	MST SDW-TG Mini 100W/825 GX12-1 1CT/12				

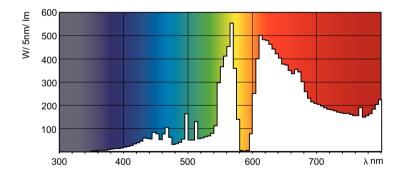
Full product name	MST SDW-TG Mini 100W/825 GX12-1 1CT/12
Full product code	871150020233815
Order code	928158905131
Material Nr. (12NC)	928158905131
Local order code	9281-589-05131
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500202338
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500202345

## Dimensional drawing



Product	D (max)	D	0	L (min)	L (max)	L	C (max)
MST SDW-TG Mini	20 mm	0.75	18 mm	54.5 mm	57.5 mm	56 mm	110 mm
100W/825 GX12-1		inch					
1CT/12							

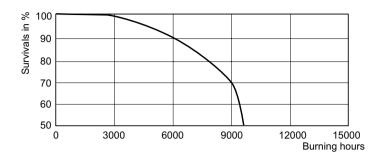
### Photometric data

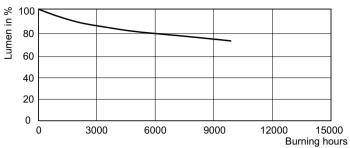


Spectral Power Distribution Colour - MST SDW-TG Mini 100W/825 GX12-1 1CT/12

## **MASTER SDW-TG Mini**

#### Lifetime





Life Expectancy Diagram - MST SDW-TG Mini 100W/825 GX12-1 1CT/12

Lumen Maintenance Diagram - MST SDW-TG Mini 100W/825 GX12-1 1CT/12



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