



# **Product Description**

#### **MASTER SDW-TG Mini**

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

#### **Benefits**

- Exceptional brightness and colour rendering especially of warm colours, e.g. red and gold
- · High lamp efficacy results in low operating costs and low heat generation
- · Long lamp life compared with incandescent and halogen lamps

#### **Features**

- Warm white colour impression, very good colour rendering, especially superb red rendition
- Lamp design is well-suited to be used in luminairs for MASTER Colour CDM-T power-spots
- · UV-block glass

#### **Application**

• Shop lighting (create cosy atmosphere e.g. in furniture shops), excellent display of fresh goods (at butchers, bakeries, flower-shops)

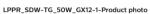
#### **Warnings and Safety**

- · 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.

# **MASTER SDW-TG Mini**

## Versions

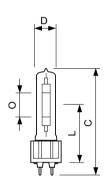






LPPR SDW-TG 100W GX12-1

# Dimensional drawing



| Product               | D (max) | D       | 0     | L (min) | L (max) | L     | C (max) |
|-----------------------|---------|---------|-------|---------|---------|-------|---------|
| MST SDW-TG Mini       | 20 mm   | 0.75 in | 18 mm | 54.5 mm | 57.5 mm | 56 mm | 110 mm  |
| 100W/825 GX12-1       |         |         |       |         |         |       |         |
| 1CT/12                |         |         |       |         |         |       |         |
| MST SDW-TG Mini       | 20 mm   | 0.75 in | 14.5  | 53.5 mm | 56.5 mm | 55 mm | 103 mm  |
| 50W/825 GX12-1 1CT/12 |         |         | mm    |         |         |       |         |

| General Information                 |              |
|-------------------------------------|--------------|
| Cap base                            | GX12-1       |
| Operating position                  | UNIVERSAL    |
|                                     |              |
| Light Technical                     |              |
| Chromaticity Coordinate X (Nom)     | 0.478        |
| Chromaticity Coordinate Y (Nom)     | 0.415        |
| Colour designation                  | Golden White |
| Correlated Colour Temperature (Nom) | 2500 K       |
|                                     |              |
| Controls and Dimming                |              |
| Dimmable                            | No           |
|                                     |              |
| Mechanical and Housing              |              |
| Lamp Finish                         | Clear        |
| Bulb material                       | Glass        |
| Bulb shape                          | T19          |
|                                     |              |

## **Light Technical**

|            |                                 | Colour rendering | Luminous efficacy |               |
|------------|---------------------------------|------------------|-------------------|---------------|
| Order Code | Full Product Name               | index (CRI)      | (rated) (nom.)    | Luminous Flux |
| 20323615   | MST SDW-TG MINI 50W/825 GX12-1  | 81               | 44 lm/W           | 2,400 lm      |
|            | 1CT/12                          |                  |                   |               |
| 20233815   | MST SDW-TG MINI 100W/825 GX12-1 | 82               | 52 lm/W           | 5,300 lm      |
|            | 1CT/12                          |                  |                   |               |
|            |                                 |                  |                   |               |

## Operating and Electrical

| Order Code | Full Product Name              | Voltage (nom.) | Power Consumption |
|------------|--------------------------------|----------------|-------------------|
| 20323615   | MST SDW-TG MINI 50W/825 GX12-1 | 85 V           | 54.0 W            |
|            | 1CT/12                         |                |                   |

| Order Code | Full Product Name        | Voltage (nor | n.) Power Consumption |
|------------|--------------------------|--------------|-----------------------|
| 20233815   | MST SDW-TG MINI 100W/825 | 91 V         | 102.0 W               |
|            | GX12-1 1CT/12            |              |                       |

## **MASTER SDW-TG Mini**

#### **Approval and Application**

|            |                   | Energy           | Mercury (Hg) | Mercury (Hg) |
|------------|-------------------|------------------|--------------|--------------|
|            |                   | consumption kWh/ | content      | content      |
| Order Code | Full Product Name | 1,000 hours      | (max.)       | (nom.)       |
| 20323615   | MST SDW-TG MINI   | 54 kWh           | 5.7 mg       | 5.7 mg       |
|            | 50W/825 GX12-1    |                  |              |              |
|            | 1CT/12            |                  |              |              |

| Order Code | Full Product Name                            | Energy<br>consumption kWh/<br>1,000 hours | Mercury (Hg)<br>content<br>(max.) | Mercury (Hg)<br>content<br>(nom.) |
|------------|--|---|-----------------------------------|-----------------------------------|
| 20233815   | MST SDW-TG MINI<br>100W/825 GX12-1<br>1CT/12 | 102 kWh                                   | 15.2 mg                           | 15.2 mg                           |



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