



MASTER SDW-TG Mini

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

Range of high-efficiency, discharge lamps with warm color 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 |
| Operating Position | any [Any or Universal (U)] |
| Life to 5% failures | 5000 hr |
| Life to 20% failures | 8000 hr |
| Life to 50% failures | 10000 hr |

• Light Technical Characteristics

| | |
|-----------------------------|------------------------|
| Color Code | 825 [CCT of 2500K] |
| Color Rendering Index | 80 (min), 83 (nom) Ra8 |
| Color Designation (text) | Golden White |
| Color Temperature Technical | 2500 K |
| Luminous Flux Lamp EL | 4900 Lm |
| Luminous Efficacy Lamp 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 W |
| 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

| | |
|----------------------|-------|
| Mercury (Hg) Content | 13 mg |
|----------------------|-------|

• 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 |
| 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 |

PHILIPS

MASTER SDW-TG Mini

• Product Data

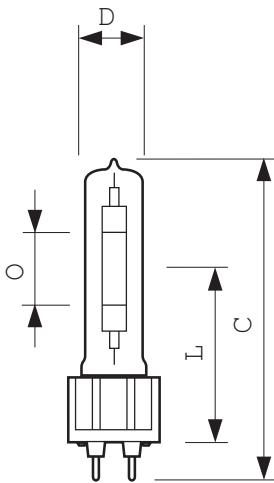
| | |
|--------------------|---|
| Order code | 928158905131 |
| Full product code | 928158905131 |
| Full product name | MASTER SDW-TG Mini 100W/825 GX12-1 1CT |
| Order product name | MST SDW-TG Mini 100W/825 GX12-1 1CT/12 |
| Pieces per pack | 1 |

| | |
|-----------------------------|----------------------|
| 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

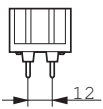
- Use only with dedicated Philips control gear

Dimensional drawing



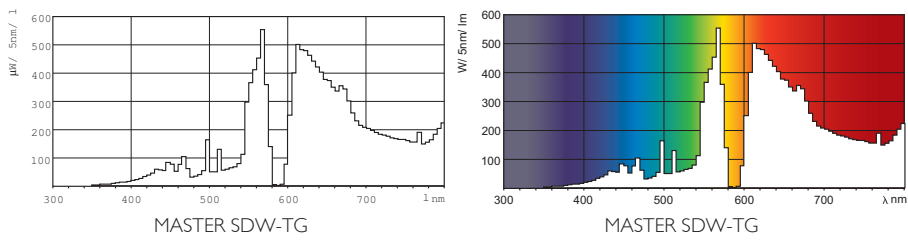
Mini White SON SDW-TG 100W/825 T6 1CT

| 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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data subject to change