



MASTER SDW-T

MASTER SDW-T 100W/825 PG12-1 1SL

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

Product data

• General Characteristics

| | |
|----------------------|----------------------------|
| System Description | High Voltage [200-250V] |
| Cap-Base | PG12-1 |
| Bulb | T31 [T 31mm] |
| Bulb Material | Hard Glass |
| Bulb Finish | Clear |
| Operating Position | any [Any or Universal (U)] |
| Life to 5% failures | 5000 hr |
| Life to 20% failures | 10000 hr |
| Life to 50% failures | 15000 hr |
| Useful Life | 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 | 2500 K |
| Color Temperature Technical | 2500 K |
| Luminous Flux Lamp EM | 5000 Lm |
| Luminous Efficacy Lamp EM | 52 Lm/W |
| Lumen Maintenance 2000h | 85 % |
| Lumen Maintenance 5000h | 80 % |
| Luminance Average EM | 530 cd/cm2 |
| Chromaticity Coordinate X | 464 - |
| Chromaticity Coordinate Y | 404 - |

• Electrical Characteristics

| | |
|-------------------------------|---------|
| Lamp Wattage | 100 W |
| Lamp Wattage EM 25°C, Nominal | 100.0 W |
| Lamp Wattage EM 25°C, Rated | 97.0 W |
| Lamp Voltage | 98 V |
| Lamp Current EM | 1.31 A |
| Dimmable | No |

• Environmental Characteristics

| | |
|-------------------------------|---------|
| Energy Efficiency Label (EEL) | B |
| Mercury (Hg) Content | 11 mg |
| Energy consumption kWh/1000h | 106 kWh |

• Luminaire Design Requirements

| | |
|----------------------|-------------|
| Cap-Base Temperature | 120 (max) C |
| Bulb Temperature | 450 (max) C |

• Product Dimensions

| | |
|-----------------------|--------------|
| Overall Length C | 149 (max) mm |
| Diameter D | 32 (max) mm |
| Light Center Length L | 91 mm |
| Arc Length O | 19 mm |

PHILIPS

MASTER SDW-T

• Product Data

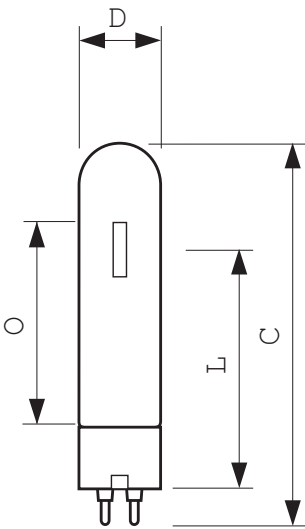
Order code 928154109227
Full product code 928154109227
Full product name MASTER SDW-T 100W/825 PG12-1 1SL
Order product name MASTER SDW-T 100W/825 PG12-1 1SL/12
Pieces per pack 1
Packing configuration 12

Packs per outerbox 12
Bar code on pack - EAN1 8711500734044
Bar code on outerbox - EAN3 8711500831163
Logistic code(s) - 12NC 928154109227
ILCOS code STH-100-H/E-PG12
Net weight per piece 0.055 kg

Warnings and Safety

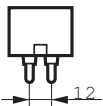
- Use only with dedicated Philips control gear

Dimensional drawing



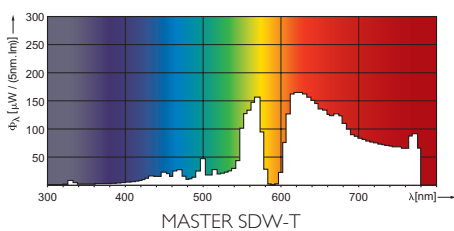
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| Product | C (Max) | D (Max) | L (Norm) | O (Norm) |
|-----------------------|---------|---------|----------|----------|
| SDW-T 100W/825 PG12-1 | 149 | 32 | 91 | 18.3 |



PG12-1

Photometric data





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data subject to change