



MASTER SDW-T

MASTER SDW-T 100W/825 PG12-1 1SL/12

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

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.

Product data

| General Information | | | | | |
|------------------------------------|----------------------------------|--|--|--|--|
| Cap-Base | PG12-1 | | | | |
| Operating Position | UNIVERSAL [Any or Universal (U)] | | | | |
| Flux measurement reference | Sphere | | | | |
| Life to 50% Failures (Nom) | 15,000 hour(s) | | | | |
| Useful Life (Nom) | 10,000 hour(s) | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 825 [CCT of 2500K] | | | | |
| Luminous Flux | 5,100 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) | 52.58 lm/W | | | | |
| Color rendering index (CRI) | 83 | | | | |
| Arc Length O (Nom) | 19 mm | | | | |
| | | | | | |

| Operating and Electrical | |
|-------------------------------|------------|
| Power Consumption | 97.0 W |
| Voltage (Nom) | 97 V |
| Voltage (Nom) | 97 V |
| | |
| Controls and Dimming | |
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear |
| Bulb Material | Hard Glass |
| Bulb Shape | T31 |
| | |
| Approval and Application | |
| Energy Efficiency Class | G |
| Mercury (Hg) Content (Max) | 11.4 mg |
| Mercury (Hg) Content (Nom) | 11.4 mg |
| Energy Consumption kWh/1000 h | 97 kWh |
| | |

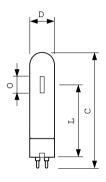
Datasheet, 2023, April 16 data subject to change

MASTER SDW-T

| EPREL Registration Number | 473397 |
|---------------------------|-------------------------------------|
| | |
| Product Data | |
| Order product name | MASTER SDW-T 100W/825 PG12-1 1SL/12 |
| Full product name | MASTER SDW-T 100W/825 PG12-1 1SL/12 |
| Full product code | 871150073404415 |
| Order code | 73404415 |

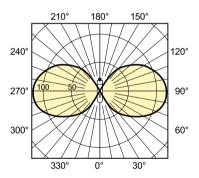
| Material Nr. (12NC) | 928154109227 |
|---------------------------------|---------------|
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8711500734044 |
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8711500831163 |
| | |

Dimensional drawing

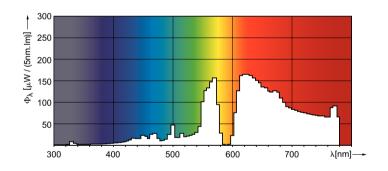


| Product | D (max) | 0 | L | C (max) |
|-------------------------------------|---------|---------|-------|---------|
| MASTER SDW-T 100W/825 PG12-1 1SL/12 | 32 mm | 18.3 mm | 91 mm | 149 mm |

Photometric data



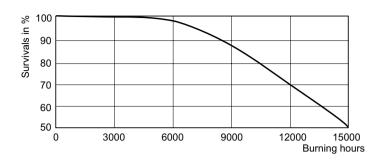
Light Distribution Diagram - MASTER SDW-T 100W/825 PG12-1 1SL/12

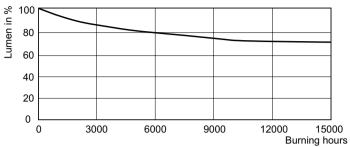


Spectral Power Distribution Colour - MASTER SDW-T 100W/825 PG12-1 1SL/12

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Lifetime





Life Expectancy Diagram - MASTER SDW-T 100W/825 PG12-1 1SL/12

Lumen Maintenance Diagram - MASTER SDW-T 100W/825 PG12-1 1SL/12



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