



MASTER SDW-T

MASTER SDW-T 35W/825 PG12-1 1SL/12

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

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 | | Operating and electrical | |
|--------------------------------------|-----------------------------------|-------------------------------------|---------|
| Cap base | PG12-1 [PG12-1] | Chromaticity coordinate Y (nom.) | 0.415 |
| Operating position | UNIVERSAL [Any or Universal (U)] | Correlated Colour Temperature (Nom) | 2500 K |
| Life to 5% failures (nom.) | 8000 h | Luminous efficacy (rated) (nom.) | 40 lm/W |
| Life to 20% failures (nom.) | 12000 h | Colour-rendering index (min.) | 80 |
| Life to 50% failures (nom.) | 15000 h | Colour rendering index (nom.) | 81 |
| Useful life (nom.) | 10000 h | | |
| ANSI code HID | - | Power (Rated) (Nom) | 33.3 W |
| System description | High Voltage [200-250V (HV)] | Lamp current run-up (max.) | 1.0 A |
| | Sphere | Lamp current (EM) (nom.) | 0.47 A |
| | | Ignition peak voltage (max.) | 5000 V |
| | | Ignition supply voltage (min.) | 205 V |
| | | Voltage (Max) | 106 V |
| | | Voltage (Min) | 86 V |
| | | Voltage (Nom) | 98 V |
| Light technical | | Controls and dimming | |
| Colour Code | 825 [CCT of 2,500 K] | Dimmable | No |
| Luminous flux (nom.) | 1320 lm | | |
| Luminous flux (rated) (nom.) | 1320 lm | | |
| Colour designation | Golden White | | |
| Lumen maintenance 2,000 hours (nom.) | 95 % | | |
| Lumen maintenance 5,000 hours (nom.) | 90 % | | |
| Chromaticity coordinate X (nom.) | 0.478 | | |

MASTER SDW-T

Mechanical and housing

| | |
|---------------|---------------|
| Lamp Finish | Clear |
| Bulb material | Soft Glass |
| Bulb shape | T31 [T 31mm] |

Approval and application

| | |
|------------------------------------|--------|
| Energy Efficiency Class | G |
| Mercury (Hg) content (max.) | 3.8 mg |
| Mercury (Hg) content (nom.) | 3.8 mg |
| Energy consumption kWh/1,000 hours | 34 kWh |
| | 473395 |

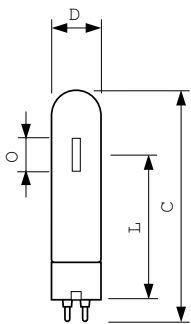
Luminaire design requirements

| | |
|--|--------|
| Bulb temperature (max.) | 350 °C |
| Cap-base temperature (max.) | 120 °C |
| Cap-Base Temperature (Max)-DUP(do not use) | 248 °F |

Product data

| | |
|-----------------------------------|------------------------------------|
| Full product code | 871150073402015 |
| Order product name | MASTER SDW-T 35W/825 PG12-1 1SL/12 |
| EAN/UPC – product | 8711500734020 |
| Order code | 73402015 |
| SAP numerator – quantity per pack | 1 |
| Local code description | 4825585 |
| Numerator – packs per outer box | 12 |
| SAP material | 928153809230 |
| Net Weight (Piece) | 0.048 kg |
| ILCOS code | STH-35-H/E-PG12 |

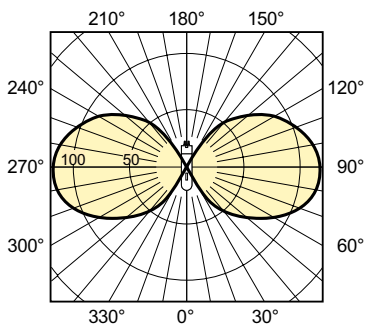
Dimensional drawing



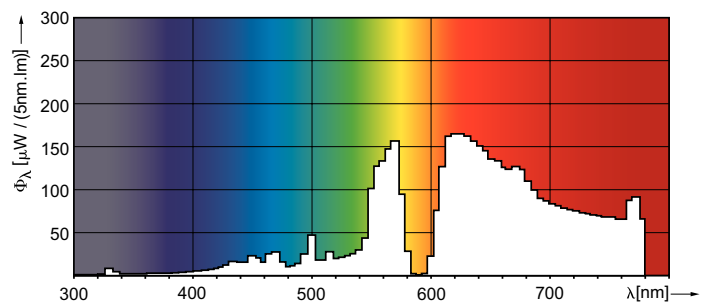
MASTER SDW-T 35W/825 PG12-1 1SL/12

| Product | D (max) | O | L | C (max) |
|------------------------------------|---------|---------|-------|---------|
| MASTER SDW-T 35W/825 PG12-1 1SL/12 | 32 mm | 12.7 mm | 91 mm | 149 mm |

Photometric data



LDLD_SDW-T-Light distribution diagram



LDPO_SDW-T_35W_50W_100W-Spectral power distribution Colour

MASTER SDW-T

Lifetime

