



MASTER TL-D Secura



MASTER TL-D Secura 58W/840 1SL/25

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Warnings and Safety

- Not suitable for closed luminaires (as indicated by two blue rings)
- Recommended use in combination with self-stopping lamp control system
- 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.
- It's strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

Product data

| General information | | Operating and electrical | |
|------------------------------------|----------------------------------|--------------------------------------|-----------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | Luminous Flux (Rated) (Nom) | 5000 lm |
| Life To 10% Failures (Nom) | 12000 h | Colour Designation | Cool White (CW) |
| Life to 50% Failures (Nom) | 15000 h | Chromaticity Coordinate X (Nom) | 0.38 |
| Life to 50% Failures Preheat (Nom) | 20000 h | Chromaticity Coordinate Y (Nom) | 0.38 |
| LSF 2000 h Rated | 99 % | Colour Temperature, horizontal (Nom) | 4000 K |
| LSF 4000 h Rated | 99 % | Luminous Efficacy (rated) (Nom) | 85.5 lm/W |
| LSF 6000 h Rated | 99 % | Colour Rendering Index horiz (Nom) | 80 |
| LSF 8000 h Rated | 99 % | Depreciation 2000 hrs | 96 % |
| LSF 12000 h Rated | 89 % | LLMF 4000 h Rated | 95 % |
| LSF 16000 h Rated | 33 % | Depreciation 5000 hrs | 94 % |
| LSF 20000 h Rated | 2 % | LLMF 8000 h Rated | 93 % |
| Flux measurement reference | Sphere | LLMF 12000 h Rated | 92 % |
| | | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light technical | | | |
| Colour Code | 840 [CCT of 4000K] | Power (Rated) (Nom) | 59.4 W |
| Luminous Flux (Nom) | 5100 lm | | |

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| | |
|---------------------------------|------------------|
| Lamp Current (Nom) | 0.670 A |
| Temperature | |
| Design Temperature (Nom) | 25 °C |
| Controls and dimming | |
| Dimmable | Yes |
| Mechanical and housing | |
| Bulb Shape | T8 [26 mm (T8)] |
| Approval and application | |
| Energy Efficiency Class | G |
| Mercury (Hg) Content (Nom) | 1.7 mg |
| Energy Consumption kWh/1000 h | 60 kWh |
| EPREL Registration Number | 423411 |

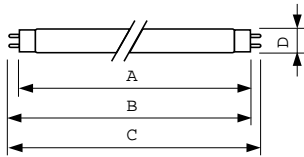
UV

| | |
|--------------------------|------|
| Damage Factor D/fc (Nom) | 0.13 |
|--------------------------|------|

Product data

| | |
|---------------------------------|-----------------------------------|
| Full product code | 871150064018540 |
| Order product name | MASTER TL-D Secura 58W/840 SLV/25 |
| EAN/UPC - Product | 8711500640185 |
| Order code | 64018540 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927922484076 |
| Net Weight (Piece) | 243.100 g |
| ILCOS Code | FD-58/40/1B-E-G13 |

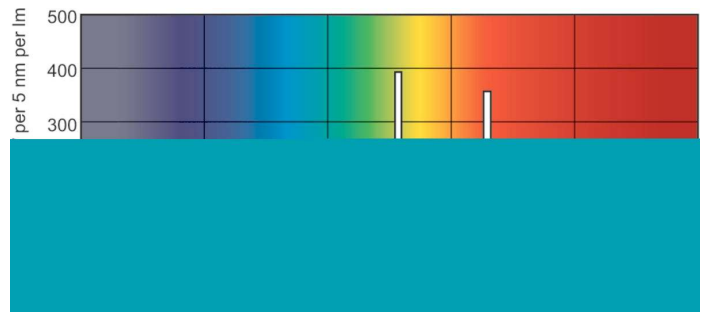
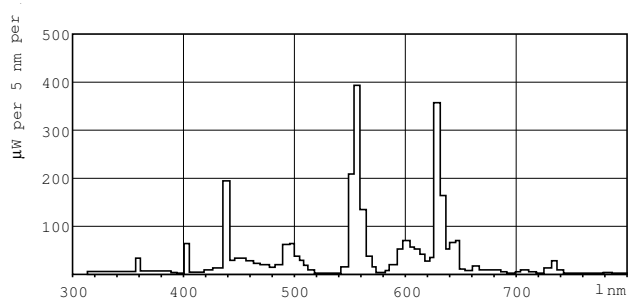
Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--------------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D Secura 58W/840 SLV/25 | 28 mm | 1500.0 mm | 1507.1 mm | 1504.7 mm | 1514.2 mm |

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Photometric data

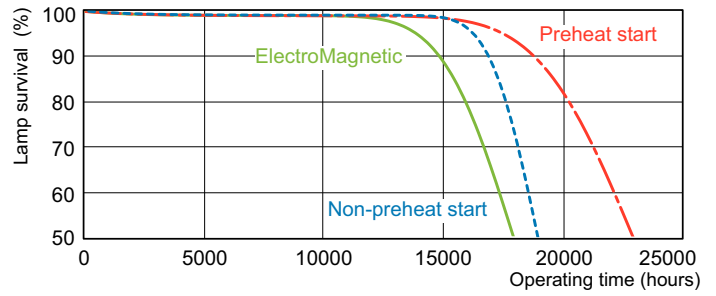
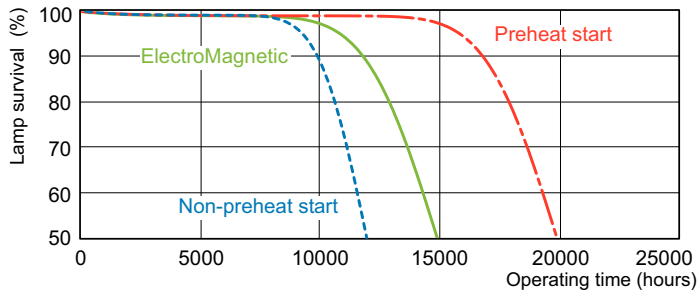


Lightcolour Secura /840

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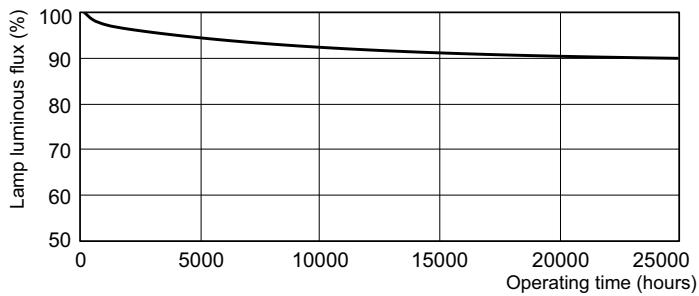
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Lifetime



LDLE_TL-D8SE_0001-Life expectancy diagram

LDLE_TL-D8SE_0002-Life expectancy diagram



LDLM_TL-D8SE_0001-Lumen maintenance diagram

