



MASTER TL-D Super 80

MASTER TL-D Super 80 58W/827 1SL/25

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

Warnings and Safety

- 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

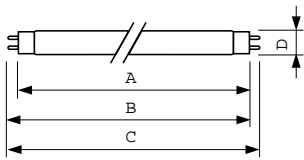
| General information | | Operating and electrical | |
|-------------------------------------|----------------------------------|-------------------------------------|--------------------|
| Cap base | G13 [Medium Bi-Pin Fluorescent] | Luminous flux (rated) (nom.) | 5240 lm |
| Life to 10% failures (nom.) | 12000 h | Colour designation | Incandescent White |
| Life to 50% failures (nom.) | 15000 h | Chromaticity coordinate X (nom.) | 0.463 |
| Life to 50% failures preheat (nom.) | 20000 h | Chromaticity coordinate Y (nom.) | 0.42 |
| LSF 2000 h Rated | 99 % | Correlated Colour Temperature (Nom) | 2700 K |
| LSF 4000 h Rated | 99 % | Luminous efficacy (rated) (nom.) | 90 lm/W |
| LSF 6000 h Rated | 99 % | Colour rendering index (nom.) | 82 |
| LSF 8000 h Rated | 99 % | LLMF 2000 h Rated | 96 % |
| LSF 12000 h Rated | 89 % | LLMF 4000 h Rated | 95 % |
| LSF 16000 h Rated | 33 % | LLMF 6000 h Rated | 94 % |
| LSF 20000 h Rated | 2 % | LLMF 8000 h Rated | 93 % |
| | Sphere | LLMF 12000 h Rated | 92 % |
| | | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light technical | | Operating and electrical | |
| Colour Code | 827 [CCT of 2,700 K] | Power (Rated) (Nom) | 59.4 W |
| Luminous flux (nom.) | 5240 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/1,000 hours | 60 kWh |

| | |
|-----------------------------------|-------------------------------------|
| | 423392 |
| Product data | |
| Full product code | 871150063210440 |
| Order product name | MASTER TL-D Super 80 58W/827 1SL/25 |
| EAN/UPC – product | 8711500632104 |
| Order code | 63210440 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 25 |
| SAP material | 927922082723 |
| Copy Net Weight (Piece) | 167.000 g |
| ILCOS code | FD-58/27/1B-E-G13 |

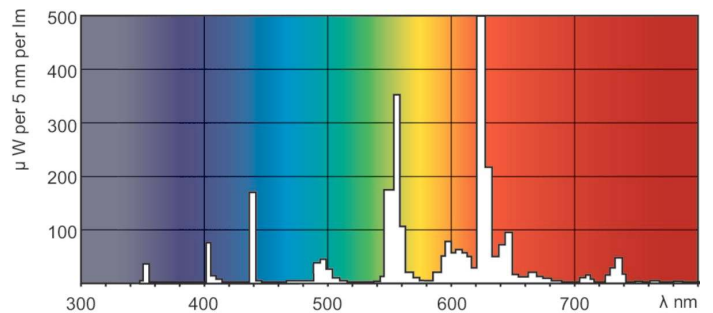
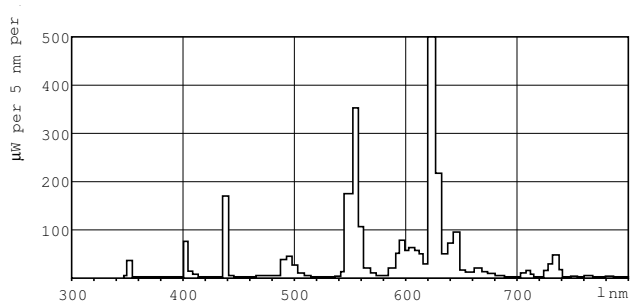
Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D Super 80 58W/827 1SL/25 | 28 mm | 1500.0 mm | 1507.1 mm | 1504.7 mm | 1514.2 mm |

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Photometric data



LDPB_TL-D8_827-Spectral power distribution B/W

Lightcolour /827

MASTER TL-D Super 80

Lifetime



LDLE_TL-D8_0001-Life expectancy diagram

LDLE_TL-D8_0002-Life expectancy diagram



LDLM_TL-D8_0001-Lumen maintenance diagram

