



MASTER TL-D Super 80

MASTER TL-D Super 80 18W/830 1SL/25

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

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

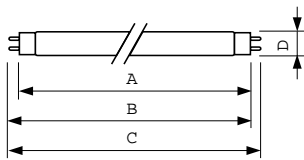
| General Information | | Operating and Electrical | |
|-------------------------------------|----------------------------------|--------------------------------------|---------|
| Cap base | G13 [Medium Bi-Pin Fluorescent] | Chromaticity coordinate X (nom.) | 0.44 |
| Life to 10% failures (nom.) | 12000 h | Chromaticity coordinate Y (nom.) | 0.403 |
| Life to 50% failures (nom.) | 15000 h | Colour Temperature, horizontal (Nom) | 3000 K |
| Life to 50% failures preheat (nom.) | 20000 h | Lamp Luminous Efficacy EM (Nom) | 75 lm/W |
| LSF 2000 h Rated | 99 % | Colour Rendering Index,horiz (Nom) | 82 |
| LSF 4000 h Rated | 99 % | LLMF 2000 h Rated | 96 % |
| LSF 6000 h Rated | 99 % | LLMF 4000 h Rated | 95 % |
| LSF 8000 h Rated | 99 % | LLMF 6000 h Rated | 94 % |
| LSF 12000 h Rated | 89 % | LLMF 8000 h Rated | 93 % |
| LSF 16000 h Rated | 33 % | LLMF 12000 h Rated | 92 % |
| LSF 20000 h Rated | 2 % | LLMF 16000 h Rated | 91 % |
| | Sphere | LLMF 20000 h Rated | 90 % |
| Light Technical | | Technical Lamp Power (Nom) | 18.2 W |
| Colour Code | 830 [CCT of 3,000 K] | Lamp current (nom.) | 0.360 A |
| Lamp Luminous Flux 25°C EL (Nom) | 1350 lm | | |
| Lamp Luminous Flux (Nom) | 1350 lm | | |
| Colour Designation | Warm white (WW) | | |

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| 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 (max.) | 2 mg |
| Mercury (Hg) content (nom.) | 2.0 mg |
| Energy consumption kWh/1,000 hours | 19 kWh |

| | 423360 |
|-----------------------------------|-------------------------------------|
| Product Data | |
| Full product code | 871150063165740 |
| Order product name | MASTER TL-D Super 80 18W/830 1SL/25 |
| EAN/UPC – product | 8711500631657 |
| Order code | 927920083023 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 25 |
| SAP material | 927920083023 |
| SAP net weight (piece) | 71.000 g |
| ILCOS code | FD-18/30/1B-E-G13 |

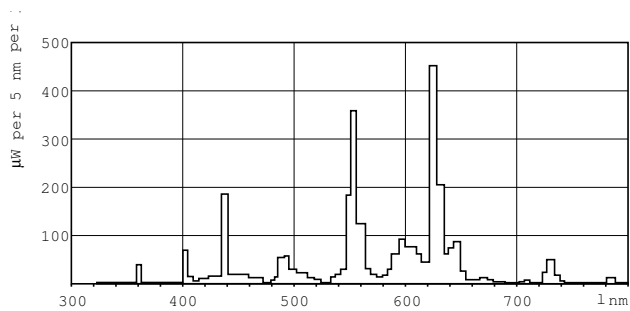
Dimensional drawing



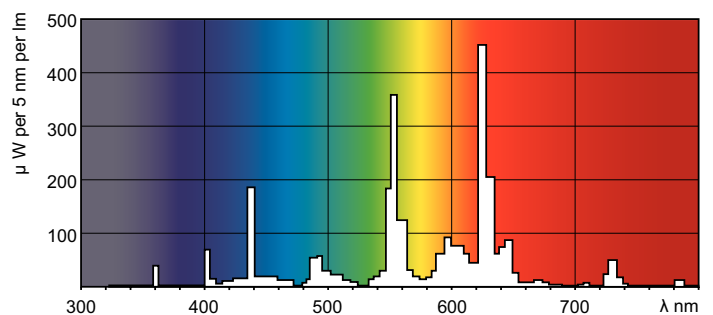
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|----------------------------------------|---------|----------|----------|----------|---------|
| MASTER TL-D Super 80 18W/830 1SL/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |

TL-D 18W/830

Photometric data



LDPB_TL-D8_830_0001-Spectral power distribution B/W



LDPO_TL-D8_830_0001-Spectral power distribution Colour

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Lifetime



LDLE_TL-D8_0001-Life expectancy diagram

LDLE_TL-D8_0002-Life expectancy diagram



LDLM_TL-D8_0001-Lumen maintenance diagram

