



MASTER TL-D Super 80



MASTER TL-D Super 80 18W/840 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

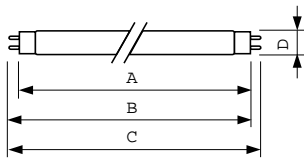
| General Information | | Luminous Flux (Rated) (Nom) | |
|------------------------------------|----------------------------------|------------------------------------|-----------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | Luminous Flux (Rated) (Nom) | 1350 lm |
| Life To 10% Failures (Nom) | 12000 h | Color 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 % | Correlated Color Temperature (Nom) | 4000 K |
| LSF 4000 h Rated | 99 % | Luminous Efficacy (rated) (Nom) | 75 lm/W |
| LSF 6000 h Rated | 99 % | Color Rendering Index (Nom) | 81 |
| 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 % |
| Flux measurement reference | Sphere | LLMF 12000 h Rated | 92 % |
| | | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light Technical | | Operating and Electrical | |
| Color Code | 840 [CCT of 4000K] | Power (Nom) | 18.2 W |
| Luminous Flux (Nom) | 1350 lm | | |

MASTER TL-D Super 80

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|---------------------------------|------------------|
| Lamp Current (Nom) | 0.360 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 (Max) | 2 mg |
| Mercury (Hg) Content (Nom) | 2.0 mg |

| | |
|---------------------------------|-------------------------------------|
| Energy Consumption kWh/1000 h | 19 kWh |
| EPREL Registration Number | 423364 |
| Product Data | |
| Full product code | 871150063171840 |
| Order product name | MASTER TL-D Super 80 18W/840 1SL/25 |
| EAN/UPC - Product | 8711500631718 |
| Order code | 927920084023 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927920084023 |
| Net Weight (Piece) | 71.000 g |
| ILCOS Code | FD-18/40/1B-E-G13 |

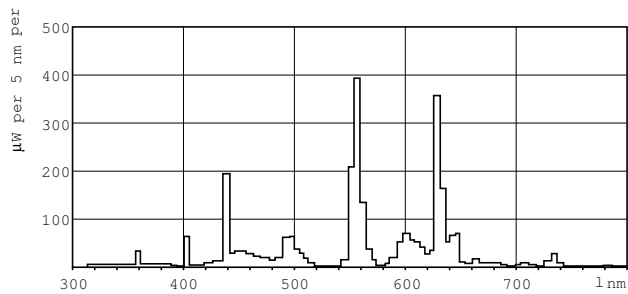
Dimensional drawing



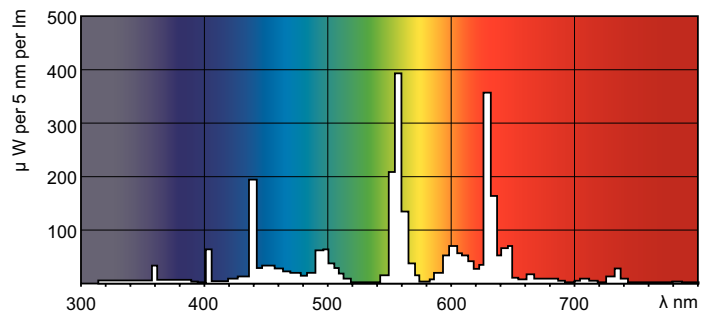
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|----------|----------|----------|---------|
| MASTER TL-D Super 80 18W/840 1SL/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |

TL-D 18W/840

Photometric data



LDPB_TL-D8_840_0001-Spectral power distribution B/W



LDPO_TL-D8_840_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

