



MASTER TL-D Super 80

MASTER TL-D Super 80 36W/865 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.

Product data

| General Information | |
|------------------------------------|----------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Life To 10% Failures (Nom) | 12000 h |
| Life to 50% Failures (Nom) | 15000 h |
| Life to 50% Failures Preheat (Nom) | 20000 h |
| LSF 2000 h Rated | 99 % |
| LSF 4000 h Rated | 99 % |
| LSF 6000 h Rated | 99 % |
| LSF 8000 h Rated | 99 % |
| LSF 12000 h Rated | 89 % |
| LSF 16000 h Rated | 33 % |
| LSF 20000 h Rated | 2 % |
| Light Technical | |
| Color Code | 865 [CCT of 6500K] |
| Luminous Flux (Nom) | 3250 lm |
| Luminous Flux (Rated) (Nom) | 3250 lm |
| Color Designation | Cool Daylight |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 84 lm/W |
| Color Rendering Index (Nom) | 85 |

| LLMF 2000 h Rated | 96 % |
|-------------------------------|---------|
| LLMF 4000 h Rated | 95 % |
| LLMF 6000 h Rated | 94 % |
| LLMF 8000 h Rated | 93 % |
| LLMF 12000 h Rated | 92 % |
| LLMF 16000 h Rated | 91 % |
| LLMF 20000 h Rated | 90 % |
| Operating and Electrical | |
| Power (Nom) | 36.0 W |
| Lamp Current (Nom) | 0.440 A |
| Temperature | |
| Design Temperature (Nom) | 25 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Approval and Application | |
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 2.0 mg |

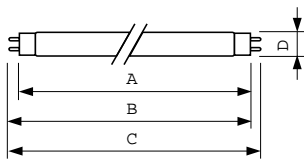
MASTER TL-D Super 80

| | |
|-------------------------------|-------------------------------------|
| Energy Consumption kWh/1000 h | 42 kWh |
| Product Data | |
| Full product code | 871150063207440 |
| Order product name | MASTER TL-D Super 80 36W/865 1SL/25 |
| EAN/UPC - Product | 8711500632074 |
| Order code | 927921086544 |

| | |
|---------------------------------|-------------------|
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927921086544 |
| Net Weight (Piece) | 135.000 g |
| ILCOS Code | FD-36/65/1B-E-G13 |

Warnings and Safety

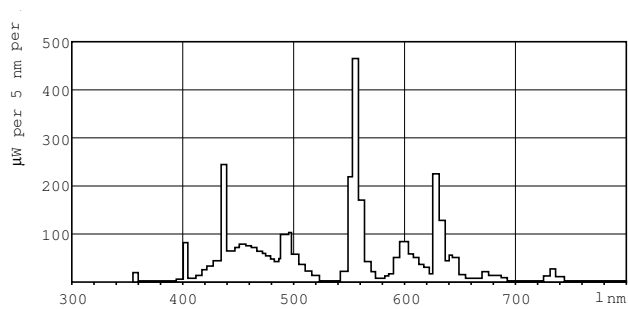
Dimensional drawing



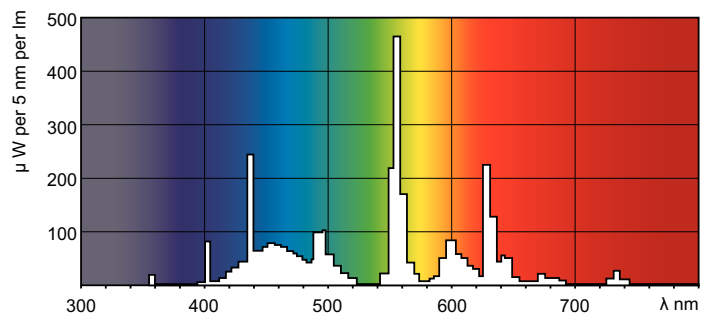
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D Super 80 36W/865 1SL/25 | 28 mm | 1199.4 mm | 1206.5 mm | 1204.1 mm | 1213.6 mm |

TL-D 36W/865

Photometric data



LDPB_TL-D8_865-Spectral power distribution B/W



LDPO_TL-D8_865-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

