



MASTER TL-D HF Super 80

MASTER TL-D HF Super 80 16W/840 SLV/25

The MASTER TL-D HF 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 is designed to be operated on special high-frequency electronic ballasts. It is not for general use.

Warnings and Safety

- Special electronic gear must be used
- 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

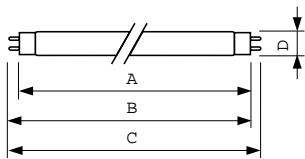
| General Information | | Color Designation | |
|------------------------------------|----------------------------------|------------------------------------|-----------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | Color Designation | Cool White (CW) |
| Life to 50% Failures Preheat (Nom) | 20000 h | Correlated Color Temperature (Nom) | 4000 K |
| System Description | High Frequency | Luminous Efficacy (rated) (Nom) | 87.5 lm/W |
| LSF Preheat 2000 h Rated | 99 % | Color Rendering Index (Nom) | >80 |
| LSF Preheat 4000 h Rated | 99 % | LLMF 2000 h Rated | 96 % |
| LSF Preheat 6000 h Rated | 99 % | LLMF 4000 h Rated | 95 % |
| LSF Preheat 8000 h Rated | 99 % | LLMF 6000 h Rated | 94 % |
| LSF Preheat 16000 h Rated | 95 % | LLMF 8000 h Rated | 93 % |
| LSF Preheat 20000 h Rated | 50 % | 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) | 16.0 W |
| Luminous Flux (Nom) | 1400 lm | | |
| Luminous Flux (Rated) (Nom) | 1400 lm | | |

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|---------------------------------|---------|
| Lamp Current (Nom) | 0.255 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 |
| Energy Consumption kWh/1000 h | 20 kWh |

| | |
|---------------------------------|--|
| Product Data | |
| Full product code | 871150063147340 |
| Order product name | MASTER TL-D HF Super 80 16W/840 SLV/25 |
| EAN/UPC - Product | 8711500631473 |
| Order code | 927924084023 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927924084023 |
| Net Weight (Piece) | 71.000 g |
| ILCOS Code | FDH-16/40/1B-L/P-G13-26/600 |

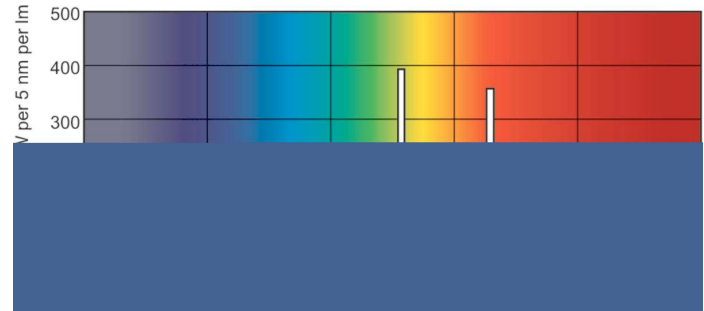
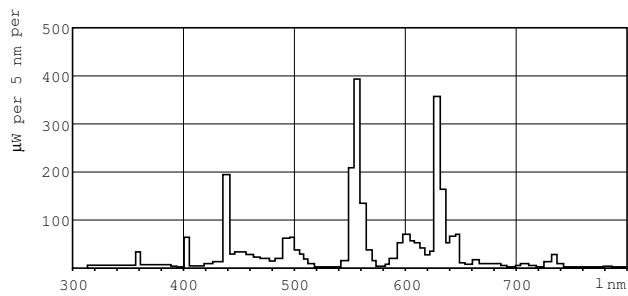
Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|----------|----------|----------|---------|
| MASTER TL-D HF Super 80 16W/840 SLV/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |

TL-D HF 16W/840

Photometric data

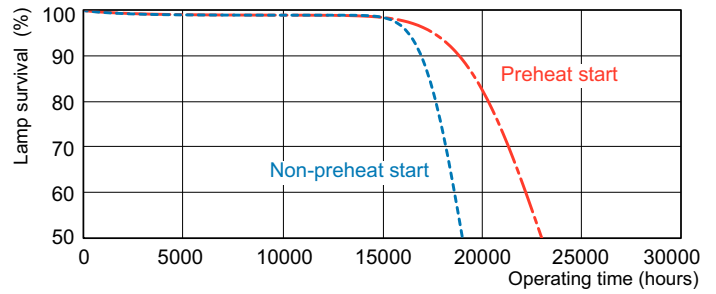
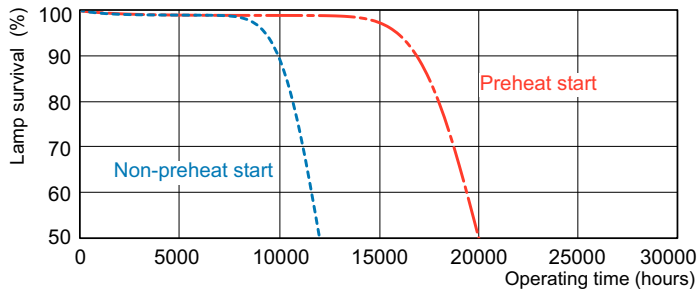


LDPB_TL-D8HF_840-Spectral power distribution B/W

LDPO_TL-D8HF_840-Spectral power distribution Colour

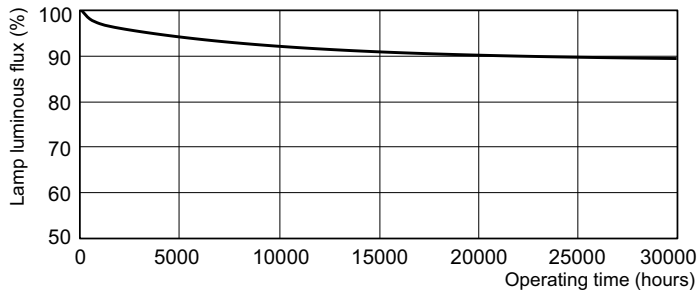
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Lifetime



LDLE_TL-D8HF_0001-Life expectancy diagram

LDLE_TL-D8HF_0002-Life expectancy diagram



LDLM_TL-D8HF_0001-Lumen maintenance diagram

