

MASTER TL-D Xtreme

MASTER TL-D Xtreme 36W/865 SLV

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

Warnings and Safety

- To achieve published lifetimes for 100% operation, do not dim below 30%
- When used on electromagnetic gear, it is strongly recommended to apply only Philips S10 or S10E starters (for 18W types S2 or S2E) to achieve the published lifetimes, and to install new starters when relamping.
- 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 | | | |
|-------------------------------------|----------------------------------|--------------------------------------|---------|
| Cap base | G13 [Medium Bi-Pin Fluorescent] | Chromaticity coordinate X (nom.) | 0.313 |
| Life to 50% failures (nom.) | 47000 h | Chromaticity coordinate Y (nom.) | 0.337 |
| Life to 50% failures preheat (nom.) | 79000 h | Colour Temperature, horizontal (Nom) | 6500 K |
| LSF 2000 h Rated | 100 % | Lamp Luminous Efficacy EM (Nom) | 88 lm/W |
| LSF 4000 h Rated | 99 % | Colour Rendering Index,horiz (Nom) | 80 |
| LSF 6000 h Rated | 99 % | LLMF 2000 h Rated | 96 % |
| LSF 8000 h Rated | 99 % | LLMF 4000 h Rated | 95 % |
| LSF 12000 h Rated | 99 % | LLMF 6000 h Rated | 94 % |
| LSF 16000 h Rated | 99 % | LLMF 8000 h Rated | 93 % |
| LSF 20000 h Rated | 99 % | LLMF 12000 h Rated | 92 % |
| | Sphere | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light Technical | | Operating and Electrical | |
| Colour Code | 865 [CCT of 6,500 K] | Power (Rated) (Nom) | 36.4 W |
| Lamp Luminous Flux 25°C EL (Nom) | 3150 lm | Lamp current (nom.) | 0.430 A |
| Lamp Luminous Flux (Nom) | 3150 lm | | |
| Colour Designation | Cool Daylight | | |

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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.) | 3 mg |
| Mercury (Hg) content (nom.) | 3.0 mg |
| Energy consumption kWh/1,000 hours | 37 kWh |

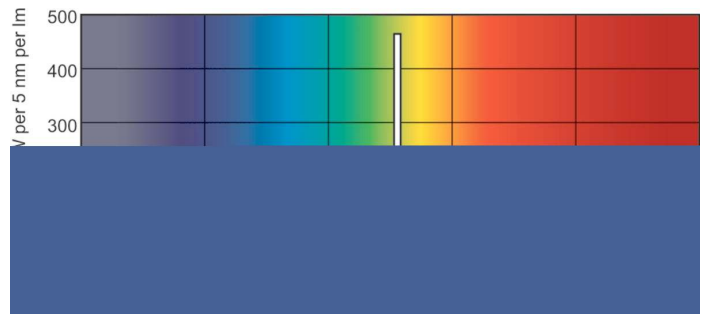
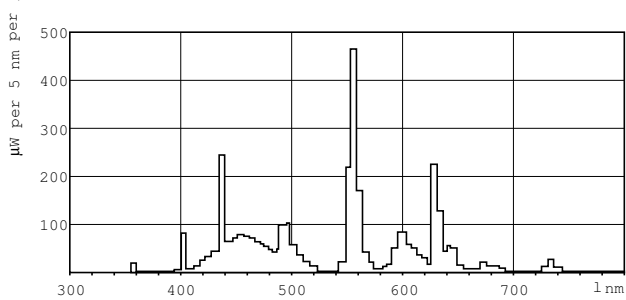
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| Product Data | |
| Full product code | 871150089277540 |
| Order product name | MASTER TL-D Xtreme 36W/865 SLV |
| EAN/UPC – product | 8711500892775 |
| Order code | 927982386514 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 25 |
| SAP material | 927982386514 |
| SAP net weight (piece) | 135.000 g |
| ILCOS code | FD-36/65/1B-E-G13 |

Dimensional drawing

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D Xtreme 36W/865 SLV | 28 mm | 1199.4 mm | 1206.5 mm | 1204.1 mm | 1213.6 mm |

TL-D Xtreme 36W/865

Photometric data

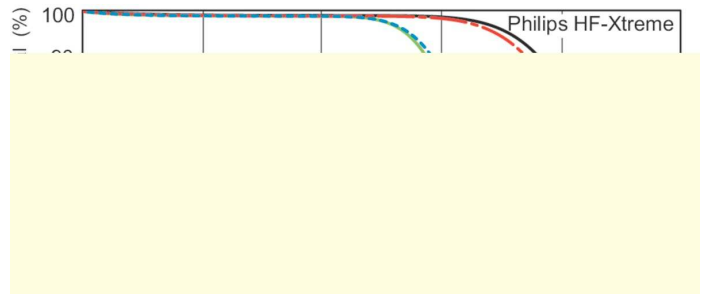
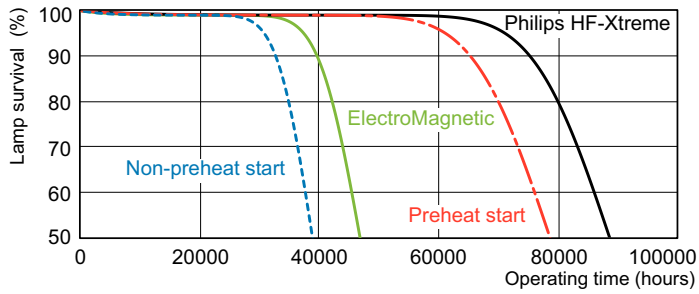


Lightcolour /865

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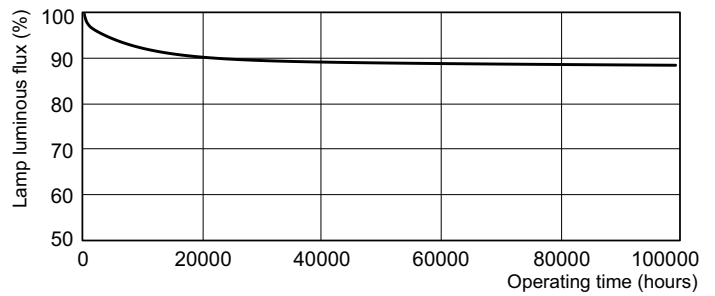
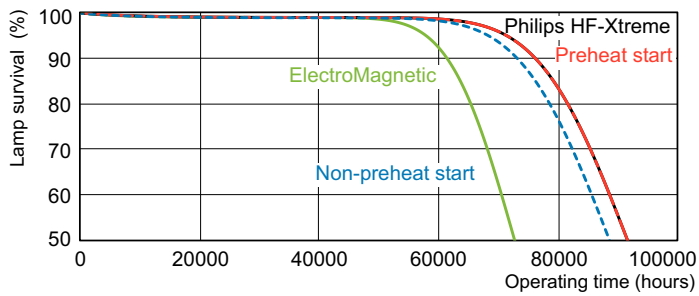
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Lifetime



LDLE_TL-D8LL_0001-Life expectancy diagram

LDLE_TL-D8LL_0002-Life expectancy diagram



LDLE_TL-D8LL_0003-Life expectancy diagram

LDLM_TL-D8LL_0001-Lumen maintenance diagram

