



MASTER TL-D Eco

MASTER TL-D Eco 16W/865 SLV/25

The MASTER TL-D Eco lamp offers the same light output as a MASTER TL-D Super 80 lamp, while using less energy, thanks to the use of specific phosphors and a special gas filling. Application areas are schools, offices, governmental buildings and healthcare environments.

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] | Correlated Color Temperature (Nom) | 6500 K |
| Life To 10% Failures (Nom) | 12000 h | Luminous Efficacy (rated) (Nom) | 72 lm/W |
| Life to 50% Failures (Nom) | 15000 h | Color Rendering Index (Nom) | >80 |
| Life to 50% Failures Preheat (Nom) | 20000 h | LLMF 2000 h Rated | 96 % |
| LSF 2000 h Rated | 99 % | LLMF 4000 h Rated | 95 % |
| LSF 4000 h Rated | 99 % | LLMF 6000 h Rated | 94 % |
| LSF 6000 h Rated | 99 % | LLMF 8000 h Rated | 93 % |
| LSF 8000 h Rated | 99 % | LLMF 12000 h Rated | 92 % |
| LSF 12000 h Rated | 89 % | LLMF 16000 h Rated | 91 % |
| LSF 16000 h Rated | 33 % | LLMF 20000 h Rated | 90 % |
| LSF 20000 h Rated | 2 % | | |
| Light technical | | Temperature | |
| Color Code | 865 [CCT of 6500K] | Design Temperature (Nom) | 30 °C |
| Luminous Flux (Nom) | 1225 lm | | |
| Luminous Flux (Rated) (Nom) | 1125 lm | | |
| Color Designation | Cool Daylight | | |

MASTER TL-D Eco

Controls and dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and housing

| | |
|----------------------|------------------|
| Cap-Base Information | Green Cap |
| Bulb Shape | T8 [26 mm (T8)] |

Approval and application

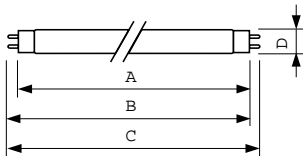
| | |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom) | 2.0 mg |
| Energy Consumption kWh/1000 h | 20 kWh |

Product data

| | |
|-------------------|-----------------|
| Full product code | 871150026871640 |
|-------------------|-----------------|

| | |
|---------------------------------|--------------------------------|
| Order product name | MASTER TL-D Eco 16W/865 SLV/25 |
| EAN/UPC - Product | 8711500268716 |
| Order code | 927922886515 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 927922886515 |
| Copy Net Weight (Piece) | 71.000 g |
| ILCOS Code | FD-16/65/1B-E-G13-26/604 |

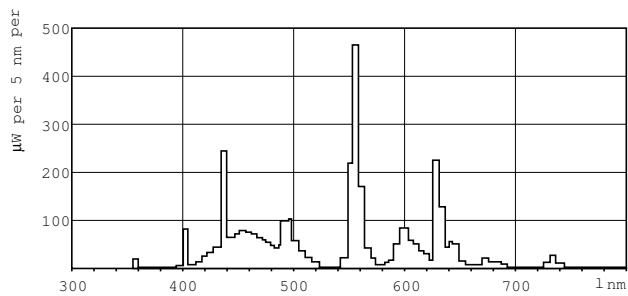
Dimensional drawing



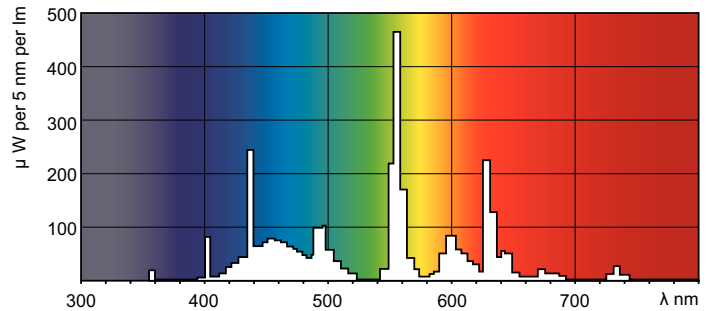
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-----------------------------------|---------|----------|----------|----------|----------|
| MASTER TL-D Eco 16W/865 SLV/25 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604.0 mm |

MASTER TL-D Eco 16W/865 SLV/25

Photometric data



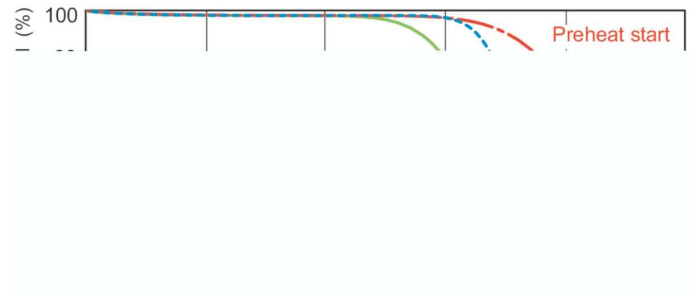
LDPB_TL-D8ECO_865-Spectral power distribution B/W



LDPO_TL-D8ECO_865-Spectral power distribution Colour

MASTER TL-D Eco

Lifetime



LDLE_TL-D8ECO_0001-Life expectancy diagram

LDLE_TL-D8ECO_0002-Life expectancy diagram



LDLM_TL-D8ECO_0001-Lumen maintenance diagram

