



MASTER TL-D 90 Graphica

MASTER TL-D 90 Graphica 18W/950 1SL/10

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

Product data

| General Information | |
|--------------------------------------|----------------------------------|
| Cap base | G13 [Medium Bi-Pin Fluorescent] |
| Life to 10% failures (nom.) | 6000 h |
| Life to 50% failures (nom.) | 8000 h |
| Life to 50% failures preheat (nom.) | 10000 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 | |
| Colour code | 950 [CCT of 5,000 K] |
| Luminous flux (nom.) | 990 lm |
| Luminous flux (rated) (nom.) | 990 lm |
| Colour designation | Daylight |
| Chromaticity coordinate X (nom.) | 348 |
| Chromaticity coordinate Y (nom.) | 360 |
| Correlated colour temperature (nom.) | 5300 K |
| Luminous efficacy (rated) (nom.) | 52.8 lm/W |
| Color rendering index (nom.) | 95 |

| | |
|--------------------|------|
| LLMF 2000 h Rated | 93 % |
| LLMF 4000 h Rated | 90 % |
| LLMF 6000 h Rated | 88 % |
| LLMF 8000 h Rated | 85 % |
| LLMF 12000 h Rated | 82 % |
| LLMF 16000 h Rated | 80 % |
| LLMF 20000 h Rated | 78 % |

Operating and Electrical

| | |
|---------------------|---------|
| Power (Rated) (Nom) | 18.0 W |
| Lamp current (nom.) | 0.360 A |

Temperature

| | |
|---------------------------|-------|
| Design temperature (nom.) | 25 °C |
|---------------------------|-------|

Controls and Dimming

| | |
|----------|-----|
| Dimmable | yes |
|----------|-----|

Approval and Application

| | |
|-------------------------------|--------|
| Energy efficiency label (EEL) | B |
| Mercury (Hg) content (nom.) | 2 mg |
| Energy Consumption kWh/1000 h | 22 kWh |

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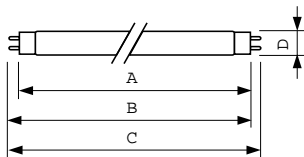
| Product Data | |
|-------------------------------|--|
| Full product code | 871150088850125 |
| Order product name | MASTER TL-D 90 Graphica 18W/950 SLV/10 |
| EAN/UPC – product | 8711500888501 |
| Order code | 88850125 |
| Local Code | 18950GP |
| Numerator – quantity per pack | 1 |

| | |
|---------------------------------|-------------------|
| Numerator – packs per outer box | 10 |
| Material no. (12NC) | 928043795081 |
| Net weight (piece) | 71.000 g |
| ILCOS Code | FD-18/53/1A-E-G13 |

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.

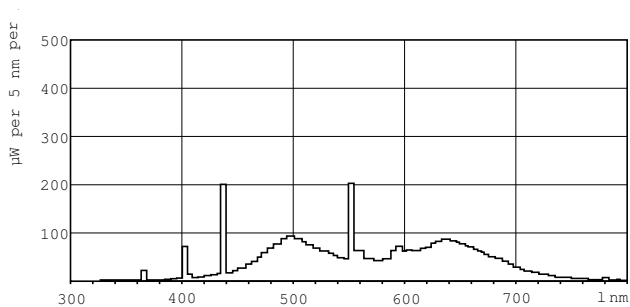
Dimensional drawing



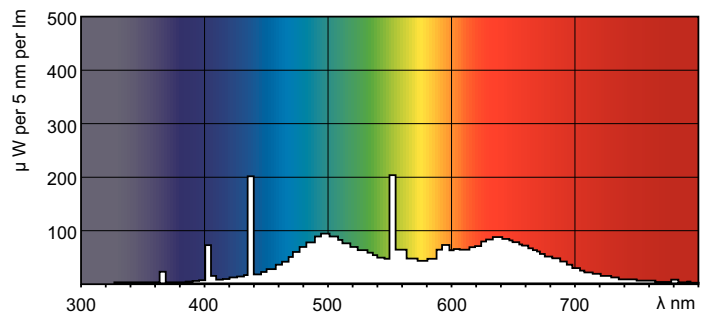
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|----------|----------|----------|---------|
| MASTER TL-D 90 Graphica 18W/950 SLV/10 | 28 mm | 589.8 mm | 596.9 mm | 594.5 mm | 604 mm |

TL-D Graphica 18W/950

Photometric data



Lightcolour TL-D Graphica /950



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Lifetime

