



# MASTER TL-D 90 De Luxe

## MASTER TL-D 90 De Luxe 58W/940 1SL/10

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

### 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                |                                  |
|------------------------------------|----------------------------------|
| 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                    |                                  |
| Colour Code                        | 940 [ CCT of 4000K]              |
| Luminous Flux (Nom)                | 4600 lm                          |
| Colour Designation                 | Cool White (CW)                  |
| Chromaticity Coordinate X (Nom)    | 0.38                             |
| Chromaticity Coordinate Y (Nom)    | 0.38                             |

|                                      |           |
|--------------------------------------|-----------|
| Colour Temperature, horizontal (Nom) | 4000 K    |
| Luminous Efficacy (rated) (Nom)      | 76.9 lm/W |
| Colour Rendering Index horiz (Nom)   | 91        |
| Depreciation 2000 hrs                | 96 %      |
| LLMF 4000 h Rated                    | 95 %      |
| Depreciation 5000 hrs                | 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 (Rated) (Nom)      | 58.5 W  |
| Lamp Current (Nom)       | 0.670 A |

| Temperature              |       |
|--------------------------|-------|
| Design Temperature (Nom) | 25 °C |

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## Controls and dimming

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

## Mechanical and housing

|            |                  |
|------------|------------------|
| Bulb Shape | T8 [ 26 mm (T8)] |
|------------|------------------|

## Approval and application

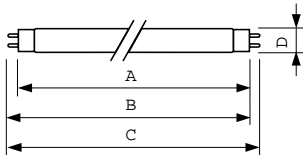
|                               |        |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom)    | 1.7 mg |
| Energy Consumption kWh/1000 h | 68 kWh |

## Product data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871150088869325 |
|-------------------|-----------------|

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | MASTER TL-D 90 De Luxe 58W/940 SLV/10 |
| EAN/UPC - Product               | 8711500888693                         |
| Order code                      | 88869325                              |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 10                                    |
| Material Nr. (12NC)             | 928045094081                          |
| Net Weight (Piece)              | 167.000 g                             |
| ILCOS Code                      | FD-58/38/1A-E-G13                     |

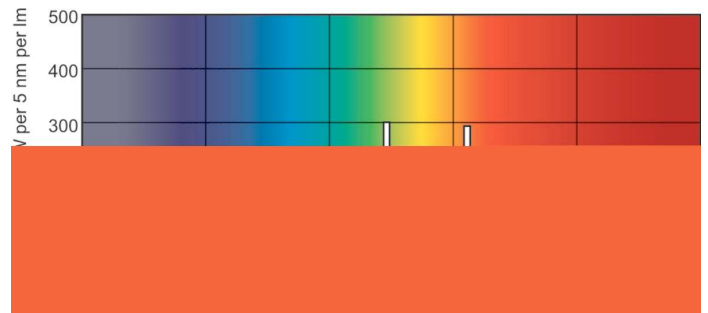
## Dimensional drawing



| Product                               | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|---------------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D 90 De Luxe 58W/940 SLV/10 | 28 mm   | 1500.0 mm | 1507.1 mm | 1504.7 mm | 1514.2 mm |

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## Photometric data

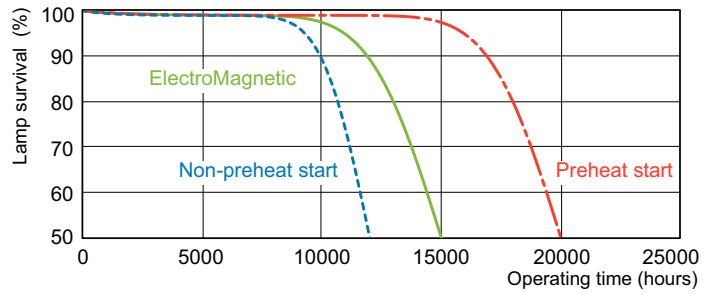


Lightcolour TL-D de Luxe /940

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# MASTER TL-D 90 De Luxe

## Lifetime



LDLE\_TL-D9HLM\_0002-Life expectancy diagram

LDLE\_TL-D9HLM\_0001-Life expectancy diagram



LDLM\_TL-D9HLM\_0001-Lumen maintenance diagram

