



# MASTER TL-D 90 De Luxe

## MASTER TL-D 90 De Luxe 58W/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.)         | 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                          | 950 [ CCT of 5,000 K] |
| Luminous flux (nom.)                 | 4550 lm               |
| Luminous flux (rated) (nom.)         | 4550 lm               |
| Colour designation                   | Daylight              |
| Chromaticity coordinate X (nom.)     | 340                   |
| Chromaticity coordinate Y (nom.)     | 352                   |
| Correlated colour temperature (nom.) | 5300 K                |
| Luminous efficacy (rated) (nom.)     | 77.8 lm/W             |
| Color rendering index (nom.)         | 92                    |

|                    |      |
|--------------------|------|
| LLMF 2000 h Rated  | 96 % |
| LLMF 4000 h Rated  | 95 % |
| LLMF 6000 h Rated  | 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 |

| Controls and Dimming |     |
|----------------------|-----|
| Dimmable             | yes |

| Approval and Application      |        |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A      |
| Mercury (Hg) content (nom.)   | 2 mg   |
| Energy Consumption kWh/1000 h | 68 kWh |

# MASTER TL-D 90 De Luxe

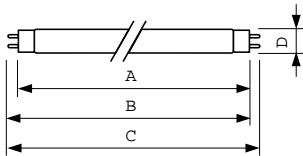
## Product Data

|                               |                                       |
|-------------------------------|---------------------------------------|
| Full product code             | 871150088871625                       |
| Order product name            | MASTER TL-D 90 De Luxe 58W/950 SLV/10 |
| EAN/UPC – product             | 8711500888716                         |
| Order code                    | 88871625                              |
| Local Code                    | 58950DLP                              |
| Numerator – quantity per pack | 1                                     |

|                                 |                   |
|---------------------------------|-------------------|
| Numerator – packs per outer box | 10                |
| Material no. (12NC)             | 928045095081      |
| Net weight (piece)              | 167.000 g         |
| ILCOS Code                      | FD-58/53/1A-E-G13 |

## Warnings and Safety

## Dimensional drawing

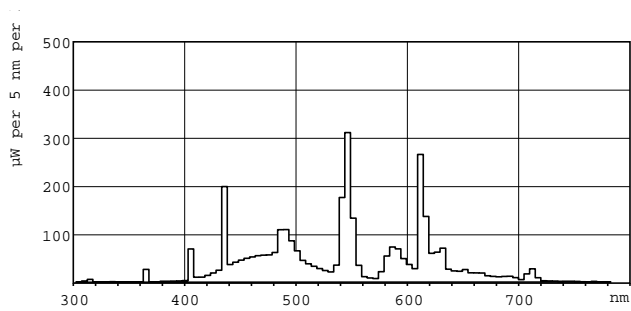


## Product

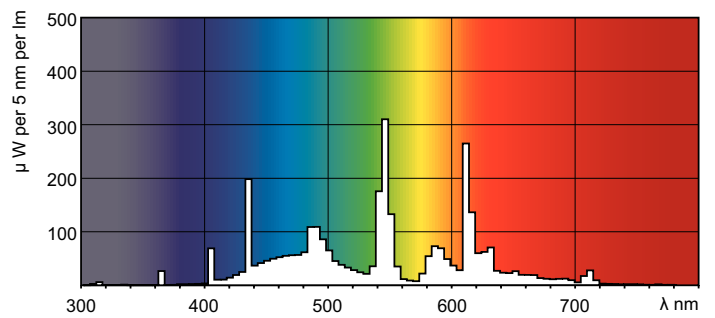
MASTER TL-D 90 De Luxe 58W/950 SLV/10

## TL-D De Luxe 58W/950

## Photometric data



## Lightcolour TL-D de Luxe /950



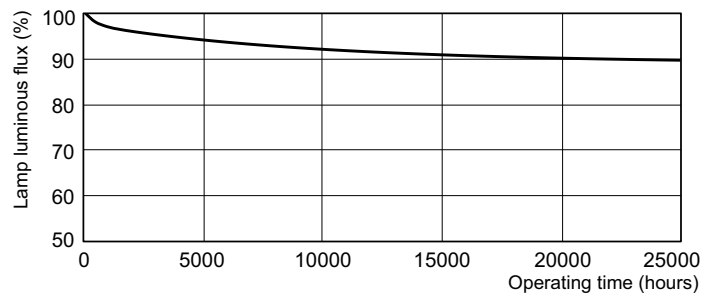
## Lightcolour TL-D de Luxe /950

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## Lifetime



LDLE\_TL-D9Hlm\_0002-Life expectancy diagram



LDLM\_TL-D9Hlm\_0001-Lumen maintenance diagram

