



# MASTER TL-D 90 De Luxe

## MASTER TL-D 90 De Luxe 36W/940 SLV/10

This TL-D lamp makes colors appear rich, deep and enhanced in a natural way. Thus very suitable for applications where a high color recognition is needed: first aid and treatment rooms in hospitals, printing rooms, jewelry, dentists, hairdressing, museums and shops

### 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                    |                                  |
| Color Code                         | 940 [ CCT of 4000K]              |
| Luminous Flux (Nom)                | 2800 lm                          |
| Luminous Flux (Rated) (Nom)        | 2800 lm                          |
| Color Designation                  | Cool White (CW)                  |
| Chromaticity Coordinate X (Nom)    | 381                              |
| Chromaticity Coordinate Y (Nom)    | 379                              |

| Correlated Color Temperature (Nom) | 4000 K    |
|------------------------------------|-----------|
| Luminous Efficacy (rated) (Nom)    | 77.8 lm/W |
| Color Rendering Index (Nom)        | 91        |
| 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)                | 36.0 W    |
| Lamp Current (Nom)                 | 0.440 A   |
| Temperature                        |           |
| Design Temperature (Nom)           | 25 °C     |

# MASTER TL-D 90 De Luxe

## Controls and Dimming

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

## Approval and Application

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A      |
| Mercury (Hg) Content (Nom)    | 2 mg   |
| Energy Consumption kWh/1000 h | 43 kWh |

## Product Data

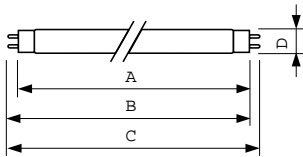
|                   |                 |
|-------------------|-----------------|
| Full product code | 871150088858725 |
|-------------------|-----------------|

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | MASTER TL-D 90 De Luxe 36W/940 SLV/10 |
| EAN/UPC - Product               | 8711500888587                         |
| Order code                      | 928044594081                          |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 10                                    |
| Material Nr. (12NC)             | 928044594081                          |
| Net Weight (Piece)              | 135.000 g                             |
| ILCOS Code                      | FD-36/38/1A-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.

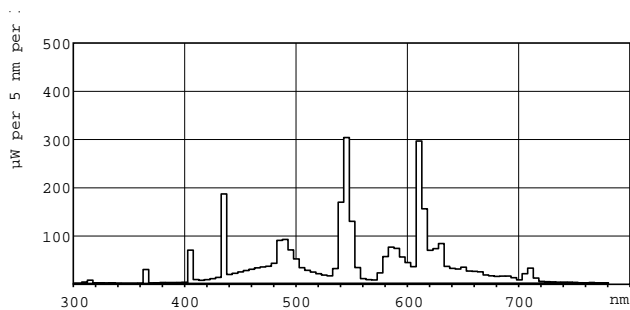
## Dimensional drawing



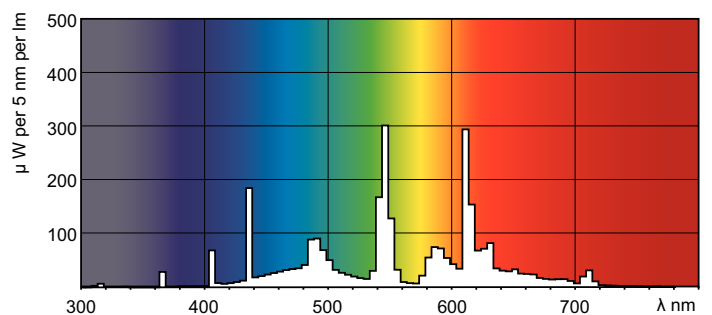
| Product                               | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|---------------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D 90 De Luxe 36W/940 SLV/10 | 28 mm   | 1199.4 mm | 1206.5 mm | 1204.1 mm | 1213.6 mm |

## TL-D De Luxe 36W/940

## Photometric data



## Lightcolor TL-D de Luxe /940



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# MASTER TL-D 90 De Luxe

## Lifetime



MASTER TL-D 90 De Luxe Life Expectancy 12 h cycle

MASTER TL-D 90 De Luxe Life Expectancy 3 h cycle



MASTER TL-D 90 De Luxe Lumen Maintenance 3 h + 12 h cycle

