



# MASTER TL-D Super 80

## MASTER TL-D Super 80 70W/830 1SL/25

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                          | 830 [ CCT of 3000K]              |
| Luminous Flux (Nom)                  | 6200 lm                          |
| Luminous Flux (Rated) (Nom)          | 6200 lm                          |
| Colour Designation                   | Warm White (WW)                  |
| Colour Temperature, horizontal (Nom) | 3000 K                           |

| Luminous Efficacy (rated) (Nom)    | 89 lm/W |
|------------------------------------|---------|
| Colour Rendering Index horiz (Nom) | >80     |
| 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)                | 70.0 W  |
| Lamp Current (Nom)                 | 0.690 A |
| Temperature                        |         |
| Design Temperature (Nom)           | 25 °C   |

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## Controls and Dimming

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

## Approval and Application

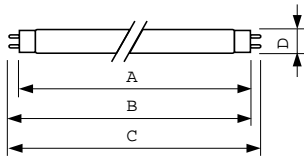
|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label       | A      |
| Mercury (Hg) Content (Nom)    | 3.0 mg |
| Energy Consumption kWh/1000 h | 81 kWh |

## Product Data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871150061598540 |
|-------------------|-----------------|

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Order product name              | MASTER TL-D Super 80 70W/830 SLV/25 |
| EAN/UPC - Product               | 8711500615985                       |
| Order code                      | 61598540                            |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 25                                  |
| Material Nr. (12NC)             | 927923883014                        |
| Net Weight (Piece)              | 199.900 g                           |
| ILCOS Code                      | FD-70/30/1B-E-G13                   |

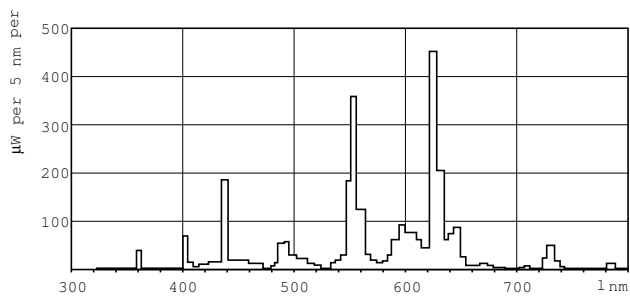
## Dimensional drawing



| Product                                | D (max) | A (max)   | B (max)   | B (min)   | C (max) |
|--|---------|-----------|-----------|-----------|---------|
| MASTER TL-D Super 80<br>70W/830 SLV/25 | 28 mm   | 1763.8 mm | 1770.9 mm | 1768.5 mm | 1778 mm |

## TL-D 70W/830

## Photometric data



## Lightcolour /830

## Lightcolour /830

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## Lifetime



LDLE\_TL-D8\_0001-Life expectancy diagram

LDLE\_TL-D8\_0002-Life expectancy diagram



LDLM\_TL-D8\_0001-Lumen maintenance diagram

