



# MASTER TL-D Eco

## MASTER TL-D Eco 51W/830 SLV/25

The MASTER TL-D Eco lamp offers the same light output as a MASTER TL-D Super 80 lamp, while using less energy, thanks to the use of specific phosphors and a special gas filling. Application areas are schools, offices, governmental buildings and healthcare environments.

### 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                         | 830 [ CCT of 3000K]              |
| Luminous Flux (Nom)                | 4800 lm                          |
| Luminous Flux (Rated) (Nom)        | 4550 lm                          |
| Color Designation                  | Warm White (WW)                  |
| Correlated Color Temperature (Nom) | 3000 K                           |
| Luminous Efficacy (rated) (Nom)    | 89 lm/W                          |
| Color Rendering Index (Nom)        | >80                              |
| 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)      | 51.4 W  |
| Lamp Current (Nom)       | 0.700 A |

| Temperature              |       |
|--------------------------|-------|
| Design Temperature (Nom) | 30 °C |

| Controls and Dimming |     |
|----------------------|-----|
| Dimmable             | Yes |

| Mechanical and Housing |           |
|------------------------|-----------|
| Cap-Base Information   | Green Cap |

| Approval and Application      |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A      |
| Mercury (Hg) Content (Nom)    | 2.0 mg |

# MASTER TL-D Eco

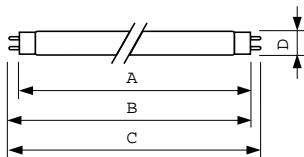
|                               |                                |
|-------------------------------|--------------------------------|
| Energy Consumption kWh/1000 h | 60 kWh                         |
| <b>Product Data</b>           |                                |
| Full product code             | 871150026466440                |
| Order product name            | MASTER TL-D Eco 51W/830 SLV/25 |
| EAN/UPC - Product             | 8711500264664                  |
| Order code                    | 927922183023                   |

|                                 |                           |
|---------------------------------|---------------------------|
| Numerator - Quantity Per Pack   | 1                         |
| Numerator - Packs per outer box | 25                        |
| Material Nr. (12NC)             | 927922183023              |
| Net Weight (Piece)              | 167.000 g                 |
| ILCOS Code                      | FD-51/30/1B-E-G13-26/1500 |

## 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.

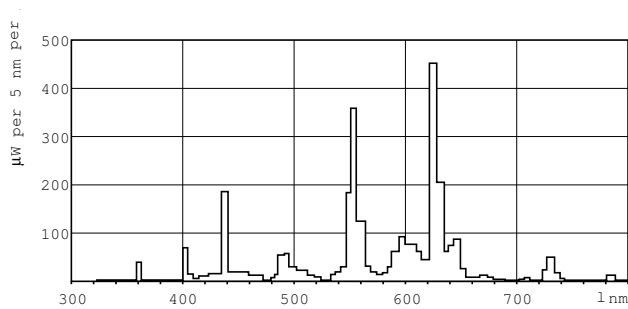
## Dimensional drawing



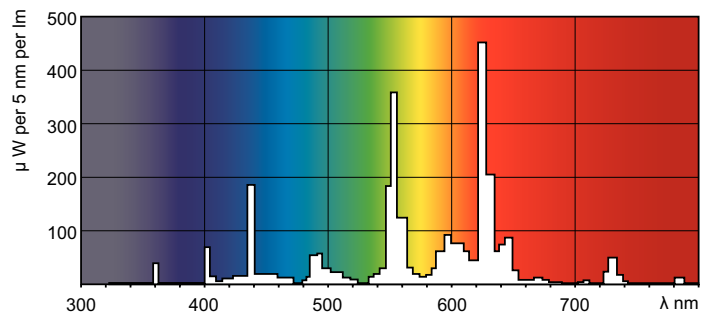
| Product                           | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|-----------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D Eco<br>51W/830 SLV/25 | 28 mm   | 1500.0 mm | 1507.1 mm | 1504.7 mm | 1514.2 mm |

## TL-D Eco 51W/830

## Photometric data



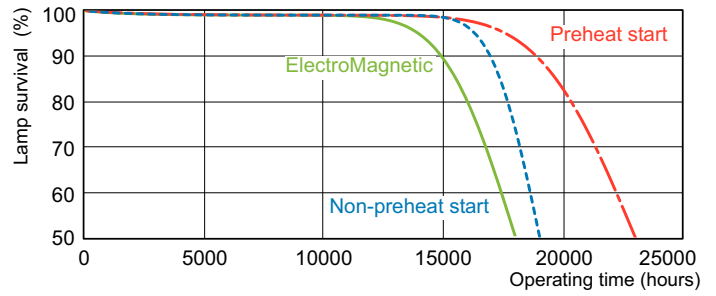
## Lightcolor /830



## Lightcolor /830

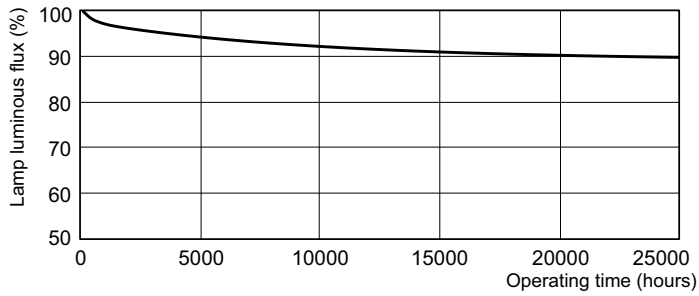
# MASTER TL-D Eco

## Lifetime



MASTER TL-D Eco Life Expectancy 3 h cycle

MASTER TL-D Eco Life Expectancy 12 h cycle



MASTER TL-D Eco Lumen Maintenance 3 h + 12 h cycle

