

# MASTER TL-D Eco 51W/840 1SL/25

Kod produktu: 57859



## Dane techniczne:

- Cap-Base **G13 [Medium Bi-Pin Fluorescent]**
- Bulb **T8 [26 mm]**
- Color Code **840 [CCT of 4000K]**
- Color Designation (text) **Cool White**
- Color Temperature **4000 K**
- Dimmable **Yes**
- Energy Efficiency Label (EEL) **A**
- Energy consumption kWh/1000h **60 kWh**
- Diameter D **28 (max) mm**
- Overall Length C **1514.2 (max) mm**
- Full product code **927922184023**
- Full product name **MASTER TL-D Eco 51W/840 1SL**
- Order code **927922184023**
- Order product name **MASTER TL-D Eco 51W/840 1SL/25**
- Packing configuration **25**
- Pieces per pack **1**
- Bar code on outerbox - EAN3 **8711500264718**
- Bar code on pack - EAN1 **8711500264701**
- Packs per outerbox **25**
- Logistic code(s) - 12NC **927922184023**
- Net weight per piece **172.600 gr**
- Lamp Wattage **51 W**
- Color Rendering Index **85 Ra8**
- ILCOS code **FD-51/40/1B-E-G13-26/1200**
- Mercury (Hg) Content **2.0 mg**
- Insertion Length B **1504.7 (min), 1507.1 (max) mm**
- Chromaticity Coordinate X **382 -**
- Chromaticity Coordinate Y **385 -**
- LSF EM 2000h Rated,3h cycle **99 %**
- LSF EM 4000h Rated,3h cycle **99 %**
- LSF EM 6000h Rated,3h cycle **99 %**
- LSF EM 8000h Rated,3h cycle **99 %**
- LLMF EM 2000h Rated **96 %**
- Lum Efficacy Rated EM 25°C **89 Lm/W**
- Luminous Flux EM 25°C, Nominal **4550 Lm**
- Luminous Flux EM 25°C, Rated **4550 Lm**
- LLMF EM 4000h Rated **95 %**
- LLMF EM 6000h Rated **94 %**
- LLMF EM 8000h Rated **93 %**
- Design Temperature **30 C**
- Lamp Wattage EM 25°C, Nominal **51 W**
- Lamp Current EM 25°C **0.700 A**

- Lamp Voltage EM 25°C **95 V**
- Lamp Wattage EM 25°C, Rated **51.4 W**
- Base Face to Base Face A **1500.0 (max) mm**
- LSF EM 12000h Rated,3h cycle **89 %**
- LSF EM 16000h Rated,3h cycle **33 %**
- LLMF EM 12000h Rated **92 %**
- LLMF EM 16000h Rated **91 %**
- LLMF EM 20000h Rated **90 %**
- LSF EM 20000h Rated,3h cycle **2 %**
- Luminous Flux Lamp EM 30°C **4800 Lm**

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.

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## Features

The only T8 fluorescent lamp that saves more than 10% of energy in existing luminaires with electromagnetic gear  
Lower power savings with electronic gear depending on type of gear (current- or power-controlled)

Can be directly retrofitted into existing fluorescent fittings operating on electromagnetic or electronic gear in indoor applications

Uses the latest highly efficient phosphors and special filling gas

High-quality lighting with good color rendering (CRI>80)

Light output comparable to other TL-D Super 80 colors

Lumen maintenance and lifetime the same as other TL-D Super 80 colors

Dimmable

## Applications

For use in indoor applications with room temperatures above 20 °C (which implies temperature around the lamp of over 25-35 °C)

Primary focus on offices, schools and hospitals; secondary focus on retail, industry, supermarkets

Not recommended under the following conditions:- with air flow around the lamps- in luminaires with active air handling (lamp temperature will not be the required 25-35 °C, but roomtemperature)- in open luminaires/battens very close to air conditioning outlets or cold air flows- in space above freezers (temperature may easily drop below 20 °C)- in combination with VRUs (voltage reduction units)



