



# MASTER TL-D Eco

## MASTER TL-D Eco 16W/865 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.

### 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		Operating and Electrical	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Correlated Color Temperature (Nom)	6500 K
Life To 10% Failures (Nom)	12000 h	Luminous Efficacy (rated) (Nom)	72 lm/W
Life to 50% Failures (Nom)	15000 h	Color Rendering Index (Nom)	>80
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 2000 h Rated	96 %
LSF 2000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 4000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF 6000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF 8000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF 12000 h Rated	89 %	LLMF 16000 h Rated	91 %
LSF 16000 h Rated	33 %	LLMF 20000 h Rated	90 %
LSF 20000 h Rated	2 %	Power (Nom)	15.7 W
Light Technical		Lamp Current (Nom)	0.380 A
Color Code	865 [ CCT of 6500K]	Temperature	
Luminous Flux (Nom)	1225 lm	Design Temperature (Nom)	30 °C
Luminous Flux (Rated) (Nom)	1125 lm		
Color Designation	Cool Daylight		

# MASTER TL-D Eco

## Controls and Dimming

Dimmable	Yes
----------	-----

## Mechanical and Housing

Cap-Base Information	Green Cap
----------------------	-----------

## Approval and Application

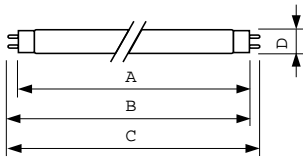
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	20 kWh

## Product Data

Full product code	871150026871640
-------------------	-----------------

Order product name	MASTER TL-D Eco 16W/865 SLV/25
EAN/UPC - Product	8711500268716
Order code	927922886515
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927922886515
Net Weight (Piece)	71.000 g
ILCOS Code	FD-16/65/1B-E-G13-26/604

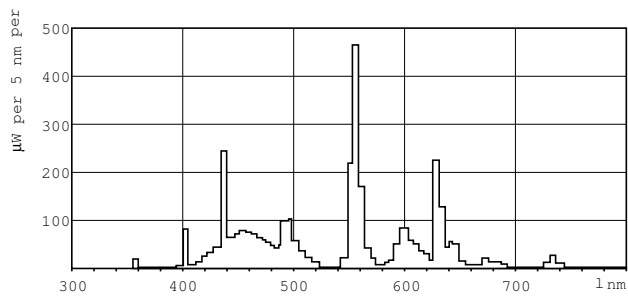
## Dimensional drawing



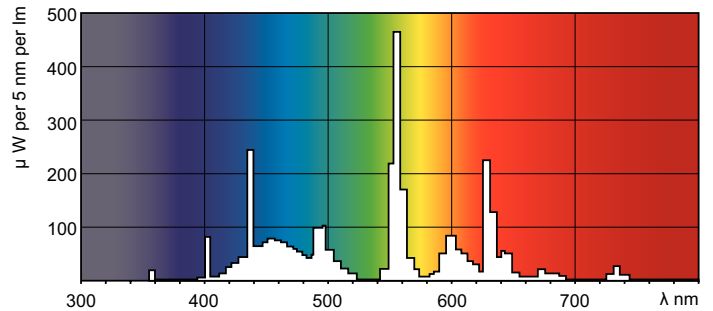
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Eco 16W/865 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

## TL-D Eco 16W/865

## Photometric data



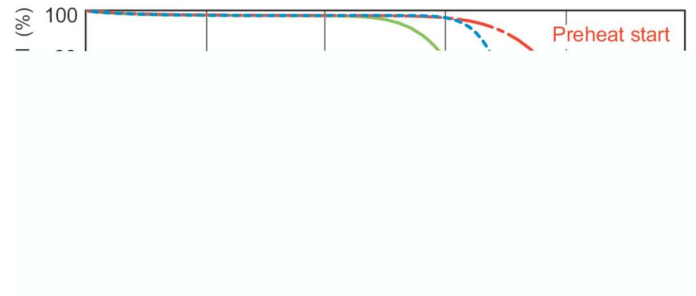
LDPB\_TL-D8ECO\_865-Spectral power distribution B/W



LDPO\_TL-D8ECO\_865-Spectral power distribution Colour

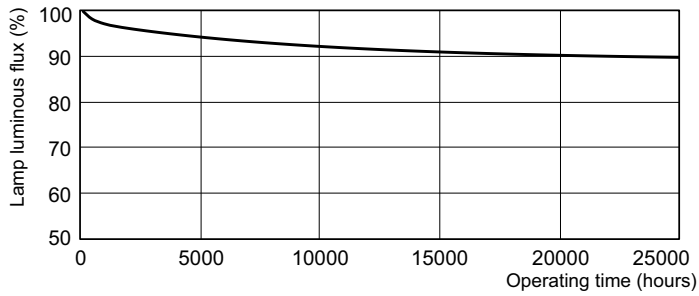
# MASTER TL-D Eco

## Lifetime



LDLE\_TL-D8ECO\_0001-Life expectancy diagram

LDLE\_TL-D8ECO\_0002-Life expectancy diagram



LDLM\_TL-D8ECO\_0001-Lumen maintenance diagram

