



# **MASTER TL-D Eco**

# MASTER TL-D Eco 32W/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			
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	865 [ CCT of 6500K]		
Luminous Flux (Nom)	2850 lm		
Luminous Flux (Rated) (Nom)	2550 lm		
Color Designation	Cool Daylight		

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	79 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 (Nom)	32.2 W
Lamp Current (Nom)	0.448 A
Temperature	
Design Temperature (Nom)	30 °C

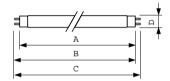
Datasheet, 2020, March 19 data subject to change

## **MASTER TL-D Eco**

Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Cap-Base Information	Green Cap	
Approval and Application		
Energy Efficiency Label (EEL)	А	
Mercury (Hg) Content (Nom)	2.0 mg	
Energy Consumption kWh/1000 h	39 kWh	
Product Data		
Full product code	871150026464040	

Order product name	MASTER TL-D Eco 32W/865 SLV/25		
EAN/UPC - Product	8711500264640		
Order code	927921186523		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	25		
Material Nr. (12NC)	927921186523		
Net Weight (Piece)	135.000 g		
ILCOS Code	FD-32/65/1B-E-G13-26/1200		

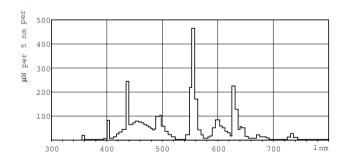
## Dimensional drawing



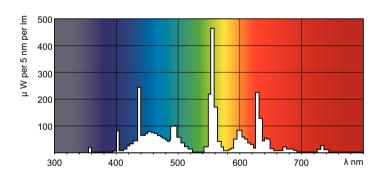
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Eco	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
32W/865 SLV/25					

## TL-D Eco 32W/865

#### Photometric data



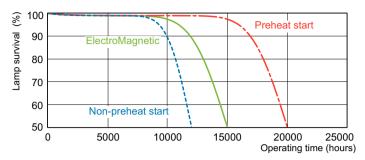


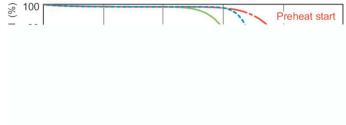


LDPO\_TL-D8ECO\_865-Spectral power distribution Colour

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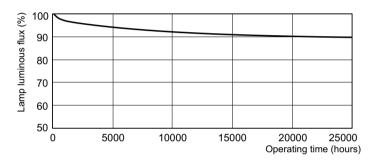
#### Lifetime





LDLE\_TL-D8ECO\_0001-Life expectancy diagram

LDLE\_TL-D8ECO\_0002-Life expectancy diagram



LDLM\_TL-D8ECO\_0001-Lumen maintenance diagram



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