



MASTER TL-D Eco

MASTER TL-D Eco 51W/840 1SL/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)	4000 K
Life To 10% Failures (Nom)	12000 h	Luminous Efficacy (rated) (Nom)	89 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 %		
Light Technical		Temperature	
Color Code	840 [CCT of 4000K]	Design Temperature (Nom)	30 °C
Luminous Flux (Nom)	4800 lm		
Luminous Flux (Rated) (Nom)	4550 lm		
Color Designation	Cool White (CW)		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Cap-Base Information	Green Cap
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Approval and Application

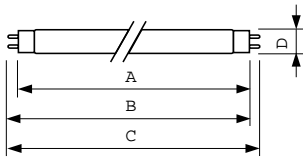
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	60 kWh

Product Data

Full product code	871150026470140
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Order product name	MASTER TL-D Eco 51W/840 1SL/25
EAN/UPC - Product	8711500264701
Order code	927922184023
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927922184023
Net Weight (Piece)	167.000 g
ILCOS Code	FD-51/40/1B-E-G13-26/1200

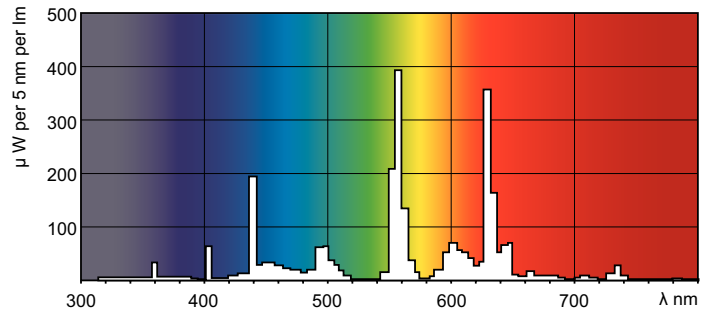
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Eco 51W/840 1SL/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

TL-D Eco 51W/840

Photometric data

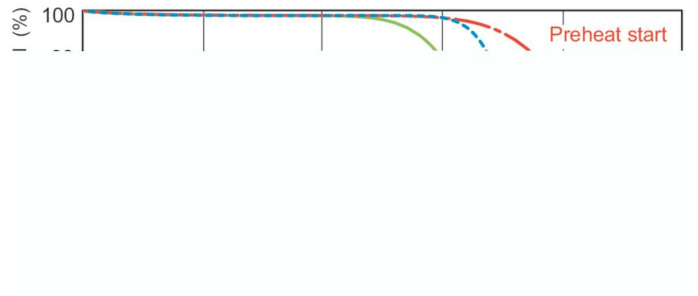


LDPB_TL-D8ECO_840-Spectral power distribution B/W

LDPO_TL-D8ECO_840-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

