



MASTER TL-D Eco

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

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

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]	Colour Temperature, horizontal (Nom)	4000 K
Life to 10% failures (nom.)	12000 h	Lamp Luminous Efficacy EM (Nom)	89 lm/W
Life to 50% failures (nom.)	15000 h	Colour Rendering Index,horiz (Nom)	82
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 %		
	Sphere	Temperature	
Light Technical		Design temperature (nom.)	30 °C
Colour Code	840 [CCT of 4,000 K]	Controls and Dimming	
Lamp Luminous Flux 25°C EL (Nom)	4150 lm	Dimmable	Yes
Lamp Luminous Flux (Nom)	4550 lm		
Colour Designation	Cool White (CW)		
Chromaticity coordinate X (nom.)	0.38		
Chromaticity coordinate Y (nom.)	0.38		

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Mechanical and Housing

Cap-base information	Green [Green Cap]
Bulb shape	T8 [26 mm (T8)]

Approval and Application

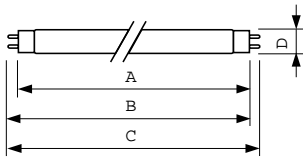
Energy Efficiency Class	G
Mercury (Hg) content (max.)	2 mg
Mercury (Hg) content (nom.)	2.0 mg
Energy consumption kWh/1,000 hours	50 kWh
	423403

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
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927922184023
SAP net weight (piece)	167.000 g
ILCOS code	FD-51/40/1B-E-G13-26/1200

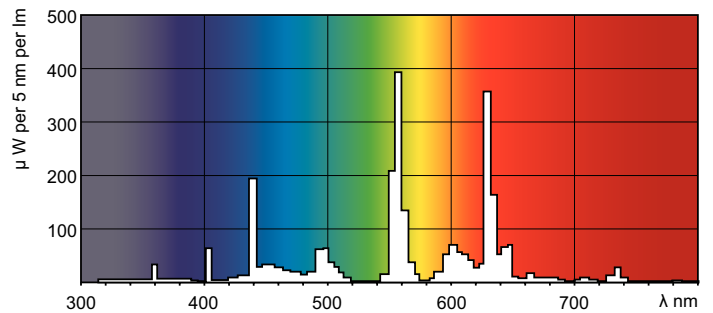
Dimensional drawing



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



Lightcolour /840

Lightcolour /840

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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

