



MASTER TL-D Eco

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

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

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	
Colour code	840 [CCT of 4,000 K]
Luminous flux (nom.)	4800 lm
Luminous flux (rated) (nom.)	4550 lm
Colour designation	Cool White (CW)
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (rated) (nom.)	89 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 (Rated) (Nom)	51.4 W
Lamp current (nom.)	0.700 A

Temperature	
Design temperature (nom.)	30 °C

Controls and Dimming	
Dimmable	yes

Mechanical and Housing	
Cap base information	Green [Green Cap]

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
Order product name	MASTER TL-D Eco 51W/840 1SL/25
EAN/UPC – product	8711500264701
Order code	26470140

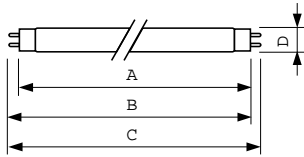
MASTER TL-D Eco

Local Code	51840TLDECO
Numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12NC)	927922184023

Net weight (piece)	167.000 g
ILCOS Code	FD-51/40/1B-E-G13-26/1200

Warnings and Safety

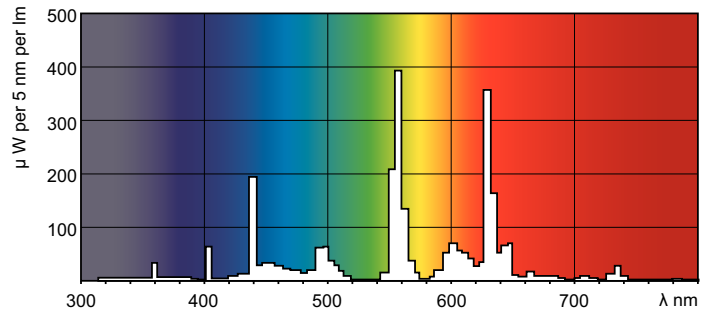
Dimensional drawing



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

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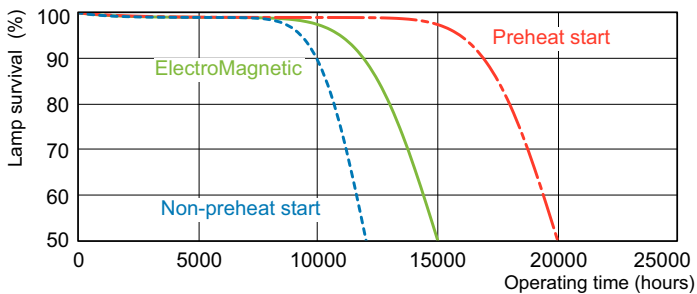
Photometric data



Lightcolour /840

Lightcolour /840

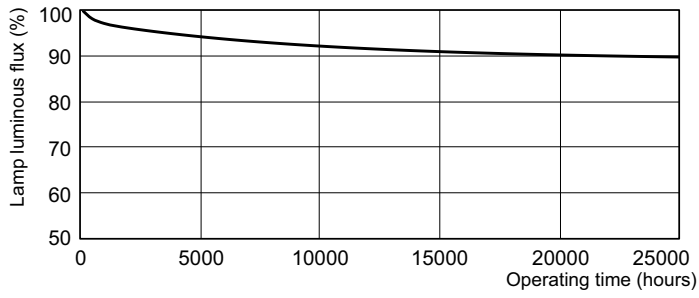
Lifetime



LDLE_TL-D8ECO_0001-Life expectancy diagram

MASTER TL-D Eco

Lifetime



LDLM_TL-D8ECO_0001-Lumen maintenance diagram

