



MASTER TL-D Super 80

MASTER TL-D Super 80 70W/835 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	
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	835 [CCT of 3,500 K]
Luminous flux (nom.)	6200 lm
Luminous flux (rated) (nom.)	6200 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3500 K

Luminous efficacy (rated) (nom.)	89 lm/W
Colour 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)	70.0 W
Lamp current (nom.)	0.690 A

Temperature

Design temperature (nom.)	25 °C
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Controls and Dimming

Dimmable	Yes
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Approval and Application

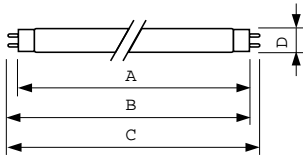
Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	3.0 mg
Energy consumption kWh/1,000 hours	81 kWh

Product Data

Full product code	871150064273840
Order product name	MASTER TL-D Super 80 70W/835 SLV/25

EAN/UPC – product	8711500642738
Order code	64273840
Local code	70835
Numerator – quantity per pack	1
SAP numerator – packs per outer box	25
Material no. (12 NC)	927923883514
Net Weight (Piece)	199.900 g
ILCOS code	FD-70/35/1B-E-G13

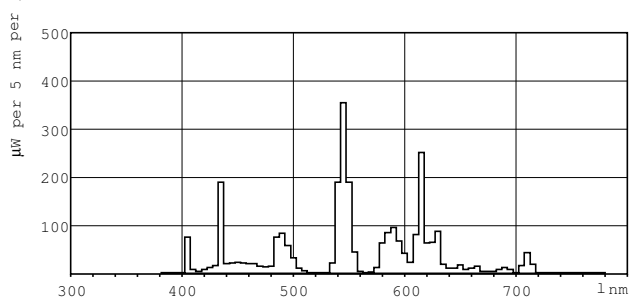
Dimensional drawing



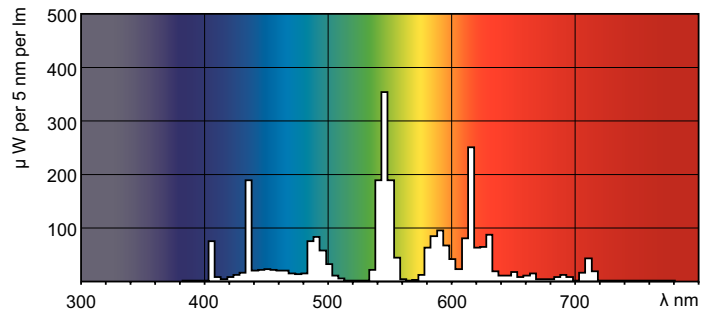
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 70W/835 SLV/25	28 mm	1763.8 mm	1770.9 mm	1768.5 mm	1778 mm

TL-D 70W/835

Photometric data



Lightcolour /835



Lightcolour /835

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Lifetime



LDLE_TL-D8_0001-Life expectancy diagram

LDLE_TL-D8_0002-Life expectancy diagram



LDLM_TL-D8_0001-Lumen maintenance diagram

