



MASTER TL-D Super 80

MASTER TL-D Super 80 36W/835 1SL/25

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

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		Colour designation	
Cap base	G13 [Medium Bi-Pin Fluorescent]		White (WH)
Life to 10% failures (nom.)	12000 h	Correlated Colour Temperature (Nom)	3500 K
Life to 50% failures (nom.)	15000 h	Luminous efficacy (rated) (nom.)	93 lm/W
Life to 50% failures preheat (nom.)	20000 h	Colour rendering index (nom.)	>80
LSF 2000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 4000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 6000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF 8000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF 12000 h Rated	89 %	LLMF 12000 h Rated	92 %
LSF 16000 h Rated	33 %	LLMF 16000 h Rated	91 %
LSF 20000 h Rated	2 %	LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour Code	835 [CCT of 3,500 K]	Power (Rated) (Nom)	36.0 W
Luminous flux (nom.)	3350 lm	Lamp current (nom.)	0.440 A
Luminous flux (rated) (nom.)	3350 lm		

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Temperature

Design temperature (nom.) 25 °C

Controls and Dimming

Dimmable Yes

Approval and Application

Energy efficiency label (EEL) A

Mercury (Hg) content (nom.) 2.0 mg

Energy consumption kWh/1,000 hours 42 kWh

Product Data

Full product code 871150063198540

Order product name MASTER TL-D Super 80 36W/835 1SL/25

EAN/UPC – product 8711500631985

Order code 63198540

SAP numerator – quantity per pack 1

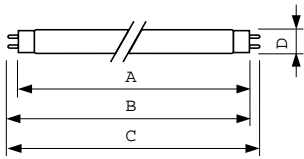
Numerator – packs per outer box 25

SAP material 927921083523

SAP net weight (piece) 135.000 g

ILCOS code FD-36/35/1B-E-G13

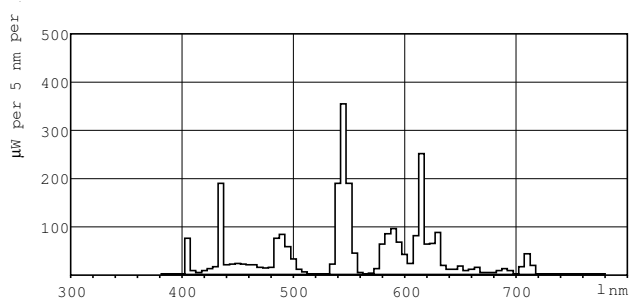
Dimensional drawing



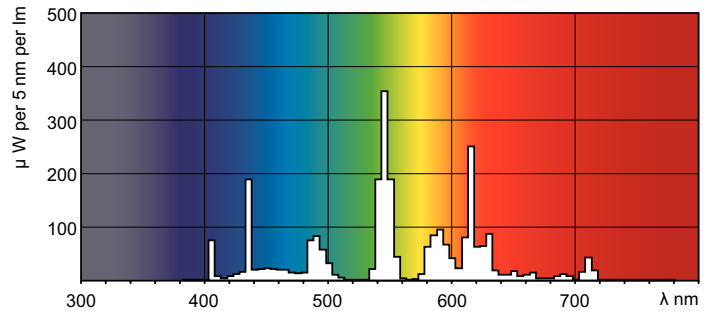
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 36W/835 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

TL-D 36W/835

Photometric data



LDPB_TL-D8_835-Spectral power distribution B/W



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

