



MASTER TL-D Super 80

MASTER TL-D Super 80 18W/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	
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.)	1350 lm
Luminous flux (rated) (nom.)	1350 lm

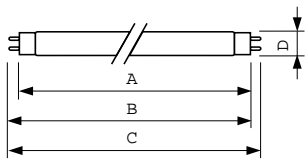
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3500 K
Luminous efficacy (rated) (nom.)	75 lm/W
Colour rendering index (nom.)	85
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Rated) (Nom)	18.0 W
Lamp current (nom.)	0.360 A

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Temperature	
Design temperature (nom.)	25 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T8 [26 mm (T8)]
Approval and Application	
Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.0 mg
Energy consumption kWh/1,000 hours	22 kWh

Product Data	
Full product code	871150063168840
Order product name	MASTER TL-D Super 80 18W/835 1SL/25
EAN/UPC – product	8711500631688
Order code	63168840
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927920083523
SAP net weight (piece)	71.000 g
ILCOS code	FD-18/35/1B-E-G13

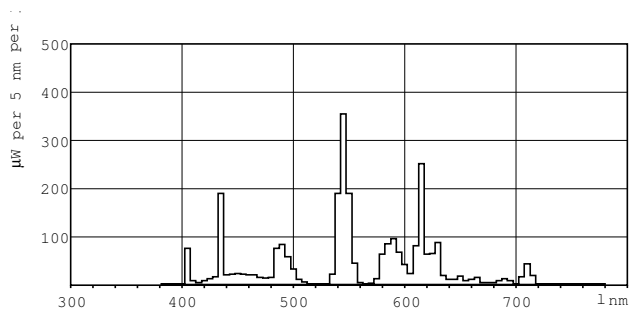
Dimensional drawing



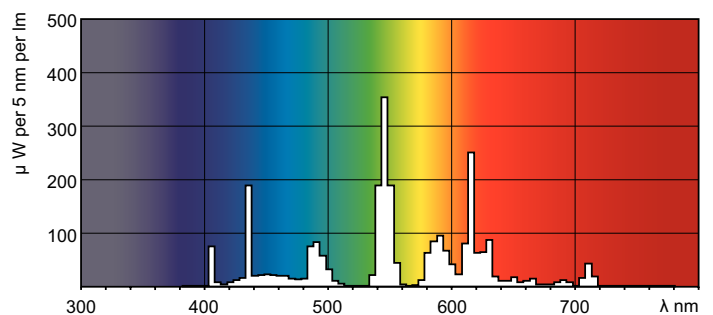
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/835 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D 18W/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

