



MASTER TL-D Super 80



MASTER TL-D Super 80 18W/840 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

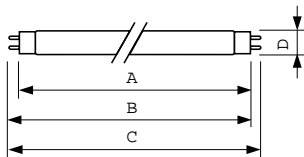
General Information		Operating and Electrical	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Luminous flux (rated) (nom.)	1350 lm
Life to 10% failures (nom.)	12000 h	Colour designation	Cool White (CW)
Life to 50% failures (nom.)	15000 h	Chromaticity coordinate X (nom.)	0.38
Life to 50% failures preheat (nom.)	20000 h	Chromaticity coordinate Y (nom.)	0.38
LSF 2000 h Rated	99 %	Correlated Colour Temperature (Nom)	4000 K
LSF 4000 h Rated	99 %	Luminous efficacy (rated) (nom.)	75 lm/W
LSF 6000 h Rated	99 %	Colour rendering index (nom.)	81
LSF 8000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 12000 h Rated	89 %	LLMF 4000 h Rated	95 %
LSF 16000 h Rated	33 %	LLMF 6000 h Rated	94 %
LSF 20000 h Rated	2 %	LLMF 8000 h Rated	93 %
	Sphere	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour Code	841 [CCT of 4100K (841)]	Power (Rated) (Nom)	18.2 W
Luminous flux (nom.)	1350 lm		

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Lamp current (nom.)	0.360 A
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 Class	G
Mercury (Hg) content (max.)	2 mg
Mercury (Hg) content (nom.)	2.0 mg

Energy consumption kWh/1,000 hours	19 kWh
	423364
Product Data	
Full product code	871150063171840
Order product name	MASTER TL-D Super 80 18W/840 1SL/25
EAN/UPC – product	8711500631718
Order code	63171840
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927920084023
SAP net weight (piece)	71.000 g
ILCOS code	FD-18/40/1B-E-G13

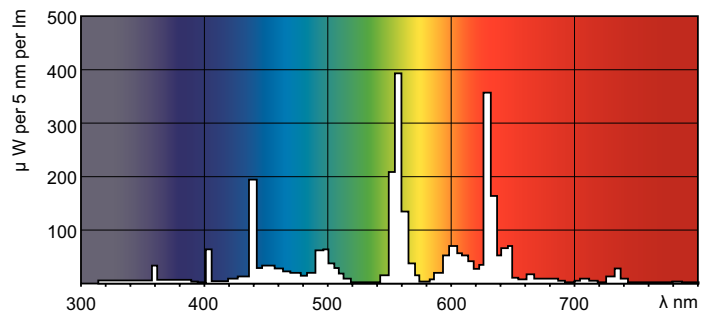
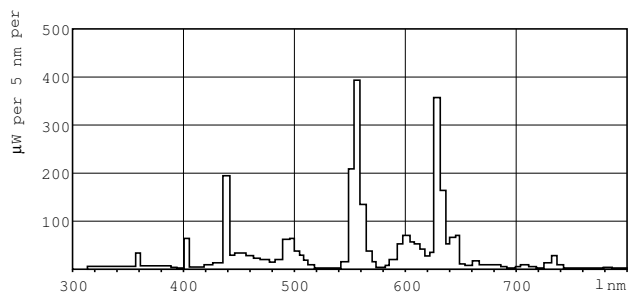
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

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Photometric data



LDPB_TL-D8_840_0001-Spectral power distribution B/W

Lightcolour /840

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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

