



# 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

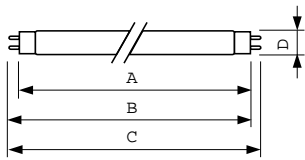
General information		Operating and electrical	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Luminous flux (rated) (nom.)	1350 lm
Life to 10% failures (nom.)	12000 h	Colour designation	White (WH)
Life to 50% failures (nom.)	15000 h	Chromaticity coordinate X (nom.)	0.409
Life to 50% failures preheat (nom.)	20000 h	Chromaticity coordinate Y (nom.)	0.394
LSF 2000 h Rated	99 %	Correlated Colour Temperature (Nom)	3500 K
LSF 4000 h Rated	99 %	Luminous efficacy (rated) (nom.)	75 lm/W
LSF 6000 h Rated	99 %	Colour rendering index (nom.)	82
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	835 [ CCT of 3,500 K]	Power (Rated) (Nom)	18.2 W
Luminous flux (nom.)	1350 lm		

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Lamp current (nom.)	0.360 A
<b>Temperature</b>	
Design temperature (nom.)	25 °C
<b>Controls and dimming</b>	
Dimmable	Yes
<b>Mechanical and housing</b>	
Bulb shape	T8 [ 26 mm (T8)]
<b>Approval and application</b>	
Energy Efficiency Class	G
Mercury (Hg) content (nom.)	1.7 mg
Energy consumption kWh/1,000 hours	19 kWh

	423362
<b>Product data</b>	
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
Net Weight (Piece)	71.000 g
ILCOS code	FD-18/35/1B-E-G13

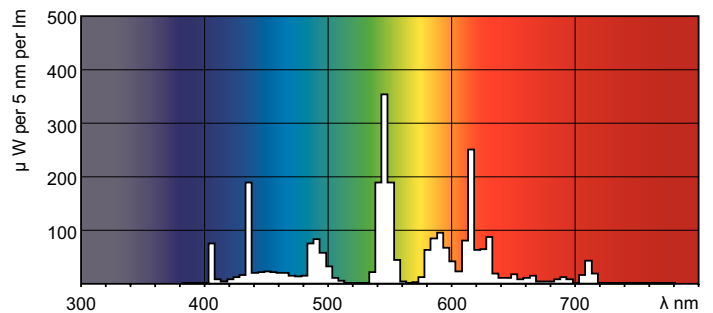
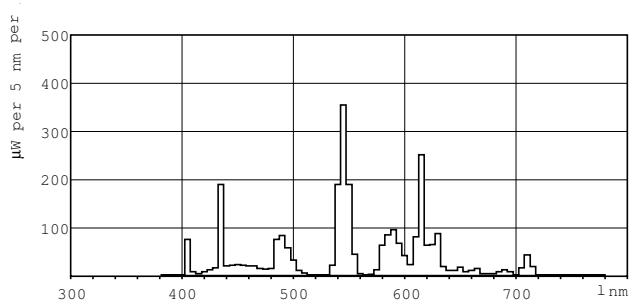
## Dimensional drawing



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

## MASTER TL-D Super 80 18W/835 1SL/25

## Photometric data



## LDPB\_TL-D8\_835-Spectral power distribution B/W

## Lightcolour /835

# MASTER TL-D Super 80

## Lifetime



LDLE\_TL-D8\_0001-Life expectancy diagram

LDLE\_TL-D8\_0002-Life expectancy diagram



LDLM\_TL-D8\_0001-Lumen maintenance diagram

