



# MASTER TL-D Super 80



## MASTER TL-D Super 80 18W/865 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 %
	Sphere
Light Technical	
Colour Code	865 [ CCT of 6,500 K]
Luminous flux (nom.)	1300 lm

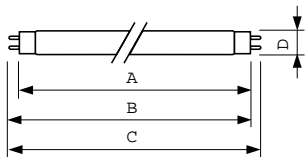
Luminous flux (rated) (nom.)	1300 lm
Colour designation	Cool Daylight
Chromaticity coordinate X (nom.)	0.313
Chromaticity coordinate Y (nom.)	0.337
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	68 lm/W
Colour rendering index (nom.)	80
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	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)	18.2 W

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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 (max.)	2 mg
Mercury (Hg) content (nom.)	2.0 mg

Energy consumption kWh/1,000 hours	19 kWh
	423367
<b>Product Data</b>	
Full product code	871150063177040
Order product name	MASTER TL-D Super 80 18W/865 1SL/25
EAN/UPC – product	8711500631770
Order code	63177040
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927920086544
SAP net weight (piece)	71.000 g
ILCOS code	FD-18/65/1B-E-G13

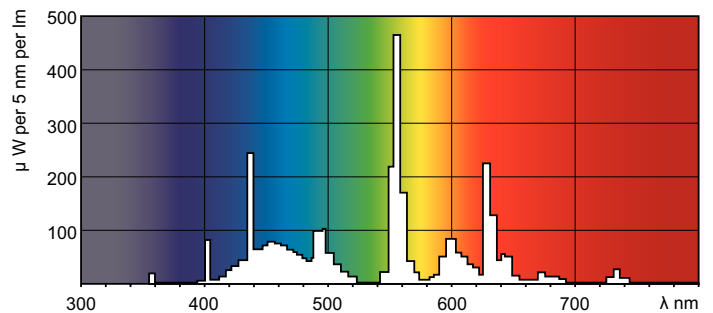
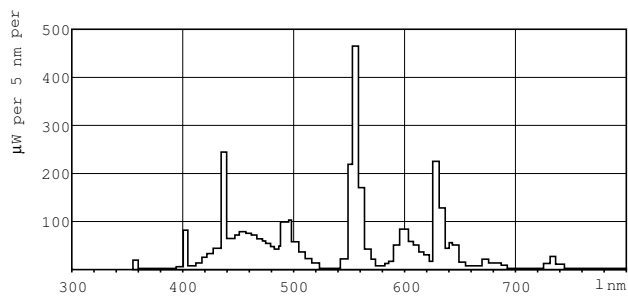
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

## MASTER TL-D Super 80 18W/865 1SL/25

## Photometric data



## LDPB\_TL-D8\_865-Spectral power distribution B/W

## Lightcolour /865

# 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

