



# MASTER TL-D Super 80

## MASTER TL-D Super 80 15W/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

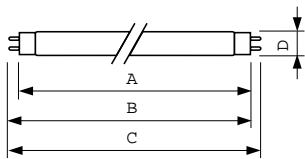
General Information		Colour designation	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Colour designation	Cool White (CW)
Life to 10% failures (nom.)	12000 h	Correlated Colour Temperature (Nom)	4000 K
Life to 50% failures (nom.)	15000 h	Luminous efficacy (rated) (nom.)	67 lm/W
Life to 50% failures preheat (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	841 [ CCT of 4100K (841)]	Power (Rated) (Nom)	15.0 W
Luminous flux (nom.)	1000 lm	Lamp current (nom.)	0.335 A
Luminous flux (rated) (nom.)	1000 lm		

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Temperature	
Design temperature (nom.)	25 °C
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy efficiency label (EEL)	B
Mercury (Hg) content (nom.)	2.0 mg
Energy consumption kWh/1,000 hours	19 kWh
Product Data	
Full product code	871150070280740

Order product name	MASTER TL-D Super 80 15W/840 SLV/25
EAN/UPC – product	8711500702807
Order code	70280740
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927922284014
SAP net weight (piece)	56.570 g
ILCOS code	FD-15/40/1B-E-G13

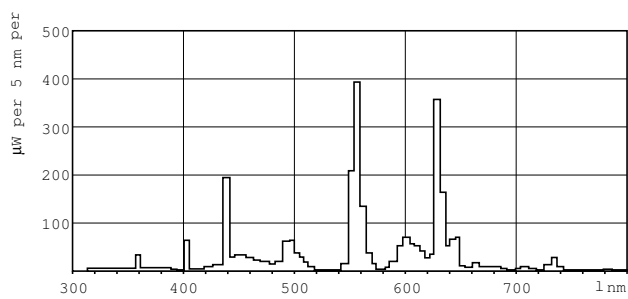
## Dimensional drawing



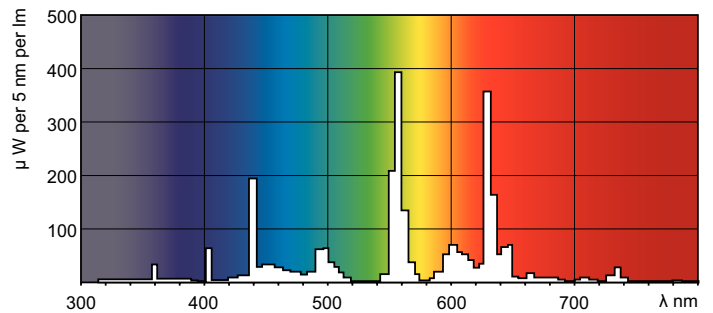
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 15W/840 SLV/25	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm

## TL-D 15W/840

## Photometric data



LDPB\_TL-D8\_840\_0001-Spectral power distribution B/W



Lightcolour /840

# 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

