



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.

Product data

General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF 8000 h Rated	93 %
Life to 10% Failures (Nom)	12000 h	LLMF 12000 h Rated	92 %
Life to 50% Failures (Nom)	15000 h	LLMF 16000 h Rated	91 %
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 20000 h Rated	90 %
LSF 2000 h Rated	99 %	Operating and Electrical	
LSF 4000 h Rated	99 %	Power (Rated) (Nom)	18.0 W
LSF 6000 h Rated	99 %	Lamp Current (Nom)	0.360 A
LSF 8000 h Rated	99 %	Temperature	
LSF 12000 h Rated	89 %	Design Temperature (Nom)	25 °C
LSF 16000 h Rated	33 %	Controls and Dimming	
LSF 20000 h Rated	2 %	Dimmable	Yes
Light Technical		Approval and Application	
Color Code	835 [CCT of 3500K]	Energy Efficiency Label (EEL)	A
Luminous Flux (Nom)	1350 lm	Mercury (Hg) Content (Nom)	2.0 mg
Luminous Flux (Rated) (Nom)	1350 lm	Energy Consumption kWh/1000 h	22 kWh
Color Designation	White (WH)	Product Data	
Correlated Color Temperature (Nom)	3500 K	Full product code	871150063168840
Luminous Efficacy (Rated) (Nom)	75 lm/W	Order product name	MASTER TL-D Super 80 18W/835 1SL/25
Color Rendering Index (Nom)	85	EAN/UPC - Product	8711500631688
LLMF 2000 h Rated	96 %		
LLMF 4000 h Rated	95 %		
LLMF 6000 h Rated	94 %		

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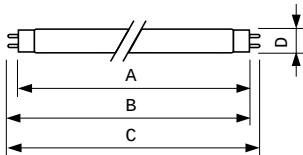
Order code	927920083523
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927920083523

Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/35/1B-E-G13

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.

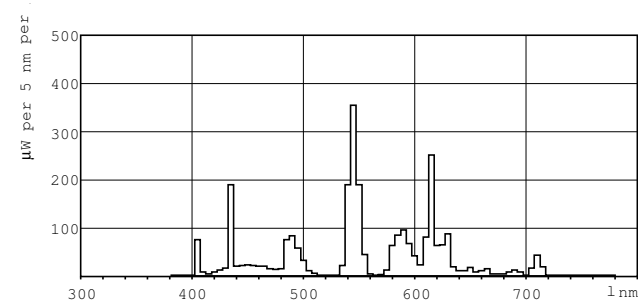
Dimensional drawing



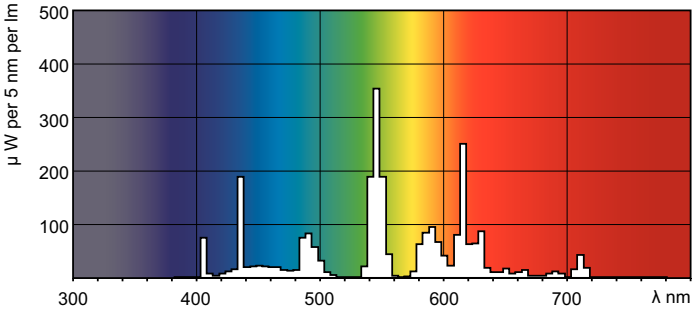
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/835 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D 18W/835

Photometric data



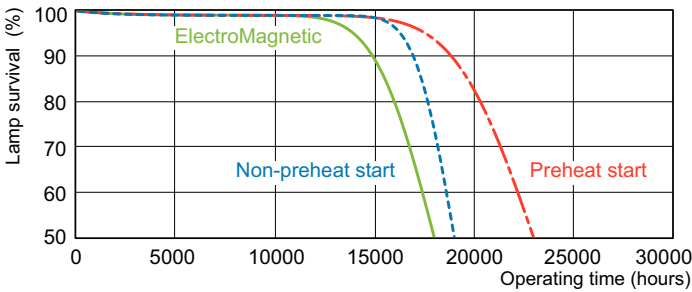
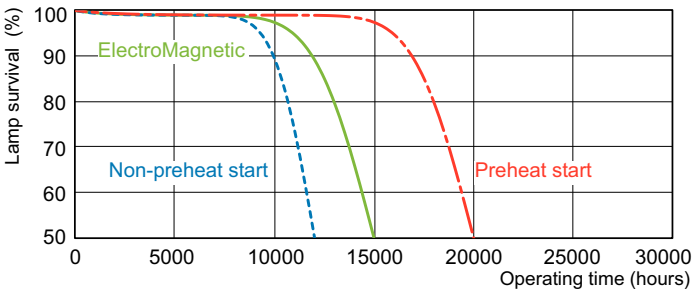
Lightcolor /835



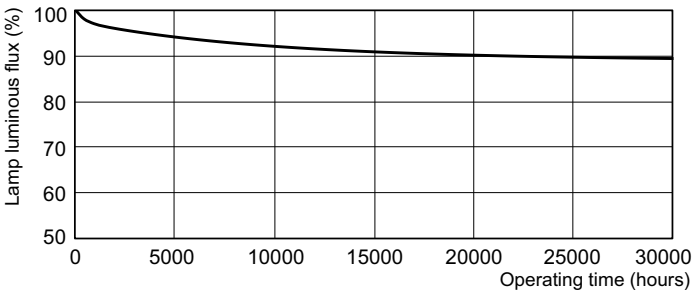
Lightcolor /835

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Lifetime



MASTER TL-D Super 80 Life Expectancy 3 h cycle



MASTER TL-D Super 80 Life Expectancy 12 h cycle

MASTER TL-D Super 80 Lumen Maintenance 3 h + 12 h cycle

