

**PHILIPS**

Lighting



MASTER TL-D Super 80

MASTER TL-D SUPER 80 18W/827 1SL/25

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

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		Luminous Efficacy (rated) (Nom)		75 lm/W
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Colour Rendering Index horiz (Nom)	>80	
Life To 10% Failures (Nom)	12000 h	Depreciation 2000 hrs	96 %	
Life to 50% Failures (Nom)	15000 h	LLMF 4000 h Rated	95 %	
Life to 50% Failures Preheat (Nom)	20000 h	Depreciation 5000 hrs	94 %	
LSF 2000 h Rated	99 %	LLMF 8000 h Rated	93 %	
LSF 4000 h Rated	99 %	LLMF 12000 h Rated	92 %	
LSF 6000 h Rated	99 %	LLMF 16000 h Rated	91 %	
LSF 8000 h Rated	99 %	LLMF 20000 h Rated	90 %	
LSF 12000 h Rated	89 %			
LSF 16000 h Rated	33 %			
LSF 20000 h Rated	2 %			
Light Technical		Operating and Electrical		
Colour Code	827 [CCT of 2700K]	Power (Rated) (Nom)	18.0 W	
Luminous Flux (Nom)	1350 lm	Lamp Current (Nom)	0.360 A	
Luminous Flux (Rated) (Nom)	1350 lm			
Colour Designation	Incandescent White			
Colour Temperature, horizontal (Nom)	2700 K			
		Temperature		
		Design Temperature (Nom)	25 °C	

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Controls and Dimming

Dimmable	Yes
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Approval and Application

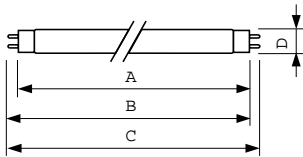
Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	22 kWh

Product Data

Full product code	871150063162640
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Order product name	MASTER TL-D Super 80 18W/827 1SL/25
EAN/UPC - Product	8711500631626
Order code	63162640
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927920082723
Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/27/1B-E-G13

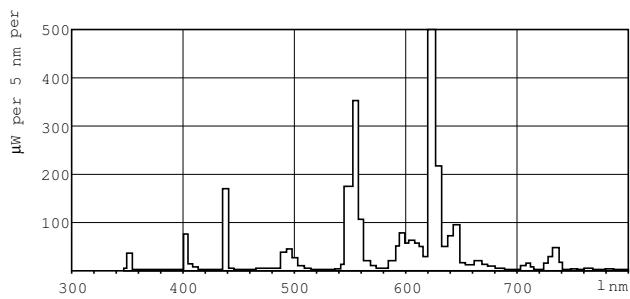
Dimensional drawing



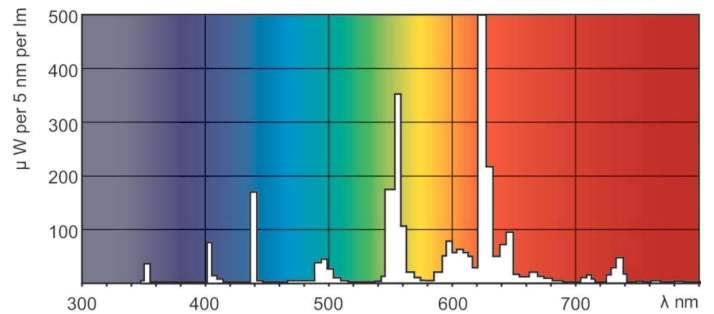
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/827 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D 18W/827

Photometric data



Lightcolour /827



Lightcolour /827

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

