



MASTER TL-D Super 80

MASTER TL-D Super 80 18W/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.

Product data

General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	LLMF 2000 h Rated	96 %
Life To 10% Failures (Nom)	12000 h	LLMF 4000 h Rated	95 %
Life to 50% Failures (Nom)	15000 h	LLMF 6000 h Rated	94 %
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 8000 h Rated	93 %
LSF 2000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF 4000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF 6000 h Rated	99 %	LLMF 20000 h Rated	90 %
LSF 8000 h Rated	99 %		
LSF 12000 h Rated	89 %	Operating and Electrical	
LSF 16000 h Rated	33 %	Power (Nom)	18 W
LSF 20000 h Rated	2 %	Lamp Current (Nom)	0.360 A
		Temperature	
		Design Temperature (Nom)	25 °C
		Controls and Dimming	
		Dimmable	Yes
		Approval and Application	
		Energy Efficiency Label (EEL)	A
		Mercury (Hg) Content (Nom)	2.0 mg
Light Technical			
Color Code	840 [CCT of 4000K]		
Luminous Flux (Nom)	1350 lm		
Luminous Flux (Rated) (Nom)	1350 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4100 K		
Luminous Efficacy (rated) (Nom)	75 lm/W		
Color Rendering Index (Nom)	>80		

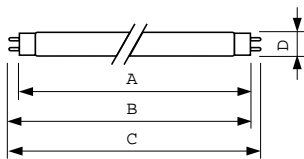
MASTER TL-D Super 80

Energy Consumption kWh/1000 h	22 kWh
Product Data	
Full product code	871150063171840
Order product name	MASTER TL-D Super 80 18W/840 1SL/25
EAN/UPC - Product	8711500631718
Order code	927920084023

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927920084023
Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/40/1B-E-G13

Warnings and Safety

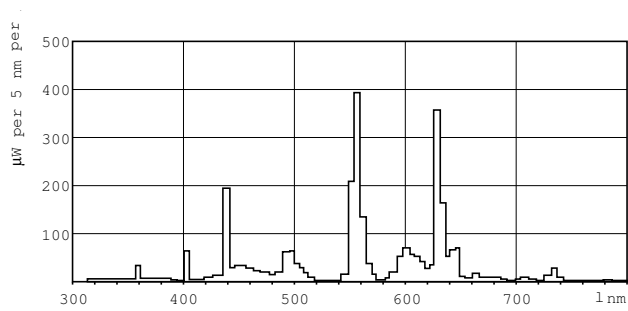
Dimensional drawing



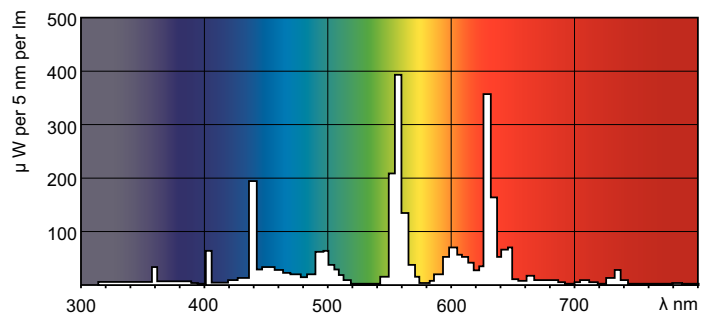
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm

TL-D 18W/840

Photometric data



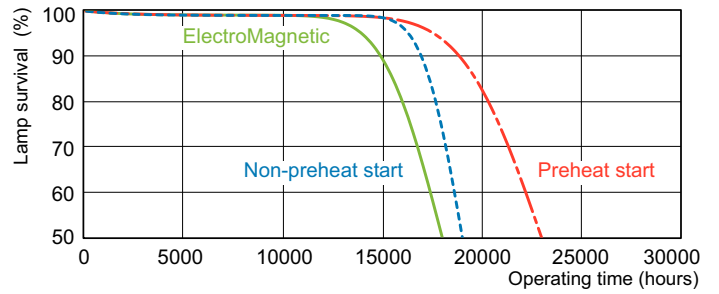
LDPB_TL-D8_840_0001-Spectral power distribution B/W



LDPO_TL-D8_840_0001-Spectral power distribution Colour

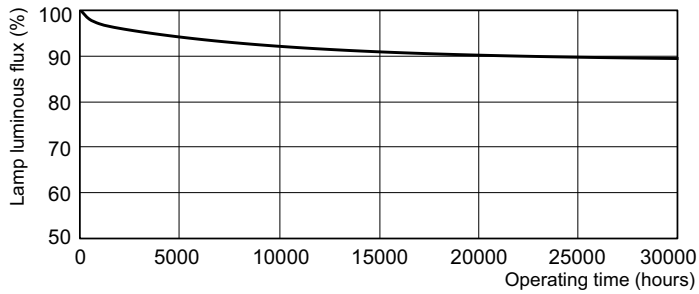
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Lifetime



LDLE_TL-D8_0001-Life expectancy diagram

LDLE_TL-D8_0002-Life expectancy diagram



LDLM_TL-D8_0001-Lumen maintenance diagram

