



MASTER TL-D Super 80

MASTER TL-D Super 80 15W/827 SLV/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 %			
Light Technical				
Color Code	827 [CCT of 2700K]			
Luminous Flux (Nom)	1000 lm			
Luminous Flux (Rated) (Nom)	1000 lm			

Color Designation	Incandescent White
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	67 lm/W
Color 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 (Nom)	15.0 W
Lamp Current (Nom)	0.340 A

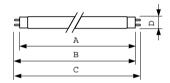
Datasheet, 2020, March 19 data subject to change

MASTER TL-D Super 80

Temperature	
Design Temperature (Nom)	25 ℃
Controls and Dimming	
Dimmable	Yes
Approval and Application	
Energy Efficiency Label (EEL)	В
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	19 kWh
Product Data	
Full product code	871150070278440

Order product name	MASTER TL-D Super 80 15W/827 SLV/25			
EAN/UPC - Product	8711500702784			
Order code	927922282714			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	25			
Material Nr. (12NC)	927922282714			
Net Weight (Piece)	56.570 g			
ILCOS Code	FD-15/27/1B-E-G13			

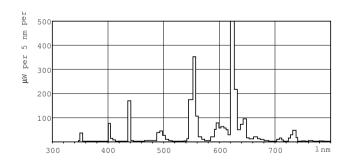
Dimensional drawing



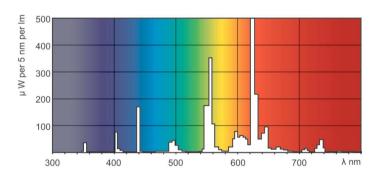
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm
15W/827 SLV/25					

TL-D 15W/827

Photometric data



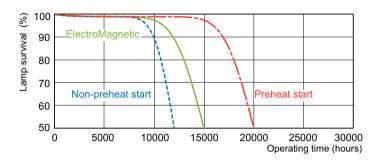


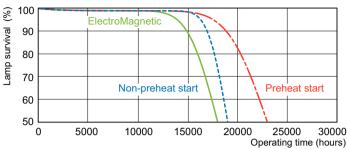


LDPO_TL-D8_827-Spectral power distribution Colour

MASTER TL-D Super 80

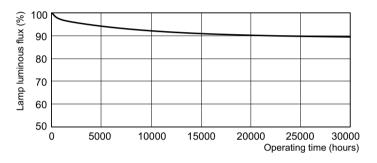
Lifetime





LDLE_TL-D8_0001-Life expectancy diagram

LDLE_TL-D8_0002-Life expectancy diagram



LDLM_TL-D8_0001-Lumen maintenance diagram



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