



MASTER TL-D Super 80



MASTER TL-D Super 80 70W/840 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

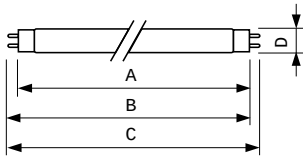
General information		Luminous Flux (Rated) (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	6200 lm	
Life To 10% Failures (Nom)	12000 h	Color Designation	
Life to 50% Failures (Nom)	15000 h	Cool White (CW)	
Life to 50% Failures Preheat (Nom)	20000 h	Chromaticity Coordinate X (Nom)	
LSF 2000 h Rated	99 %	0.38	
LSF 4000 h Rated	97 %	Chromaticity Coordinate Y (Nom)	
LSF 6000 h Rated	96 %	0.38	
LSF 8000 h Rated	95 %	Correlated Color Temperature (Nom)	
LSF 12000 h Rated	89 %	4000 K	
LSF 16000 h Rated	33 %	Luminous Efficacy (rated) (Nom)	
LSF 20000 h Rated	2 %	89 lm/W	
Flux measurement reference	Sphere	Color Rendering Index (Nom)	
		81	
Light technical		LLMF 2000 h Rated	
Color Code	840 [CCT of 4000K]	96 %	
Luminous Flux (Nom)	6200 lm	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)	
		70.0 W	

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Lamp Current (Nom)	0.690 A
Temperature	
Design Temperature (Nom)	25 °C
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Bulb Shape	T8 [26 mm (T8)]
Approval and application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	70 kWh

EPREL Registration Number	423436
Product data	
Full product code	871150061592340
Order product name	MASTER TL-D Super 80 70W/840 SLV/25
EAN/UPC - Product	8711500615923
Order code	927923884014
Numerator - Quantity Per Pack	1
Local code description	MASTER TL-D SUPER 80 70W/840 SLV/25
Numerator - Packs per outer box	25
Material Nr. (12NC)	927923884014
Net Weight (Piece)	199.900 g
ILCOS Code	FD-70/40/1B-E-G13

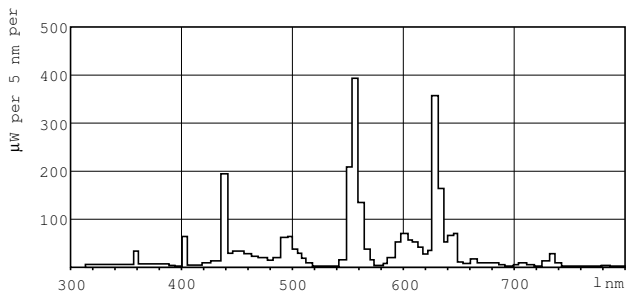
Dimensional drawing



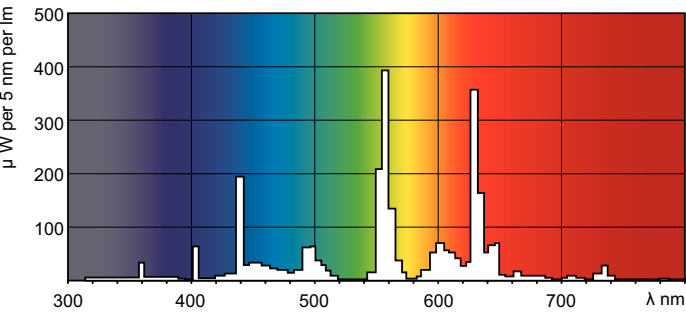
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 70W/840 SLV/25	28 mm	1763.8 mm	1770.9 mm	1768.5 mm	1778 mm

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Photometric data



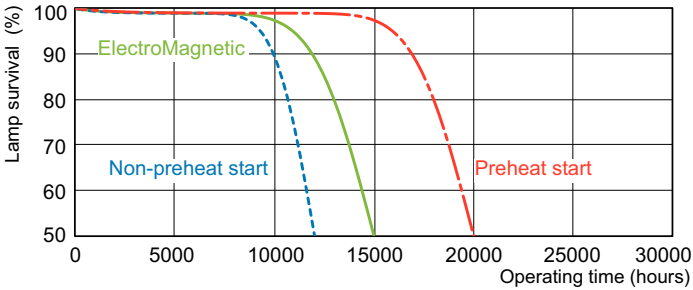
LDPB_TL-D8_840_0001-Spectral power distribution B/W



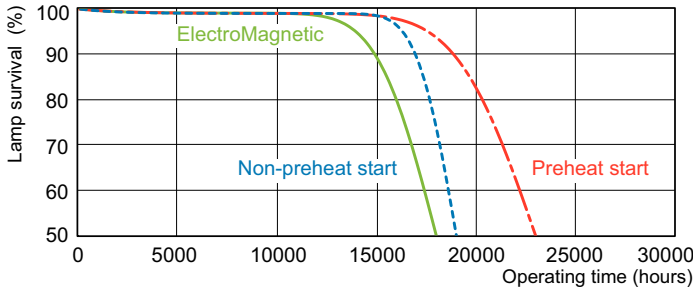
LDPO_TL-D8_840_0001-Spectral power distribution Colour

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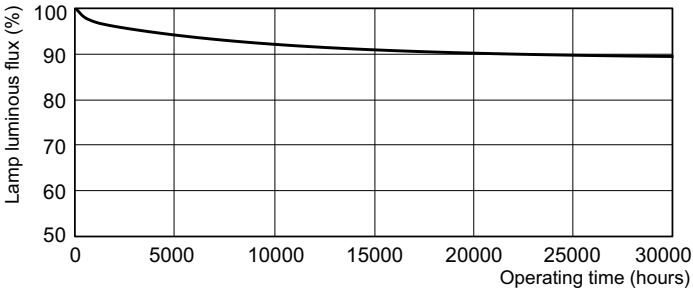
Lifetime



LDLE_TL-D8_0001-Life expectancy diagram



LDLE_TL-D8_0002-Life expectancy diagram



LDLM_TL-D8_0001-Lumen maintenance diagram

