PHILIPS

Lighting



MASTER TL-D Super 80

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MASTER TL-D Super 80 1m 36W/830 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 %
Flux measurement reference	Sphere

Light technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Nom)	3070 lm
Luminous Flux (Rated) (Nom)	3100 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color Rendering Index (Nom)	82
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)	36.6 W

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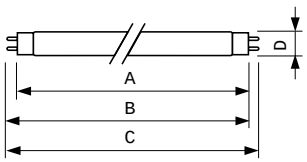
Lamp Current (Nom)	0.560 A

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 (Nom)	1.7 mg
Energy Consumption kWh/1000 h	37 kWh

EPREL Registration Number	423417

Product data	
Full product code	871150055874940
Order product name	MASTER TL-D Super 80 1m 36W/830 SLV/25
EAN/UPC - Product	8711500558749
Order code	927923083014
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927923083014
Copy Net Weight (Piece)	120.000 g
ILCOS Code	FD-36/30/1B-E-G13

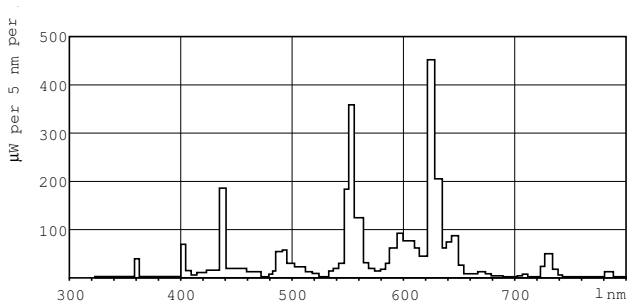
Dimensional drawing



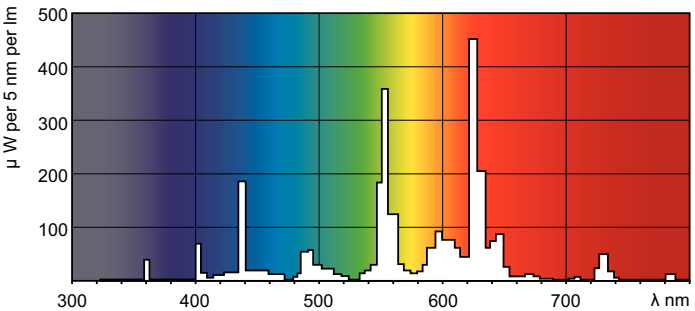
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 1m 36W/830 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm

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Photometric data



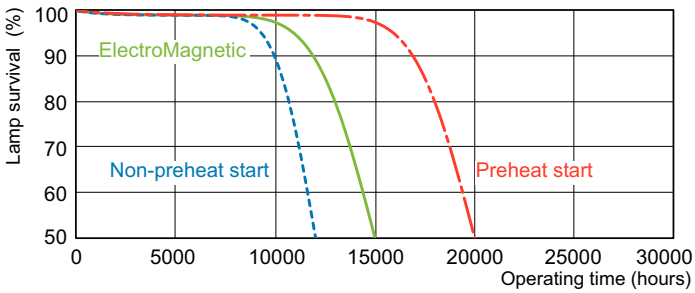
LDPB_TL-D8_830_0001-Spectral power distribution B/W



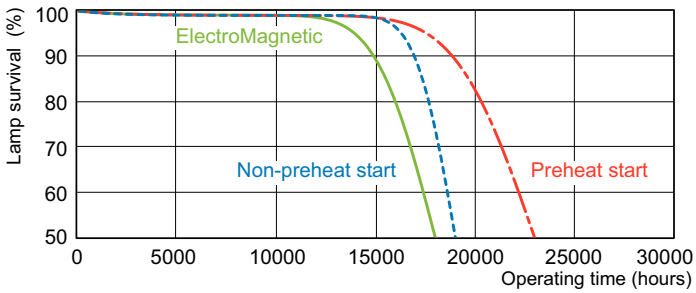
LDPO_TL-D8_830_0001-Spectral power distribution Colour

MASTER TL-D Super 80

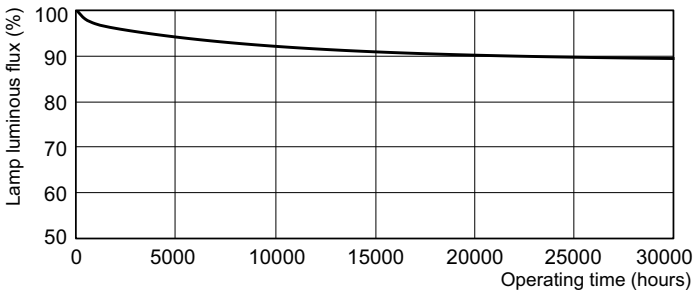
Lifetime



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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