



MASTER TL-D Super 80

MASTER TL-D SUPER 80 36W/865 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.

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.
- Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

Product data

General Information		Initial lumen (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]		3200 lm
Life To 10% Failures (Nom)	12000 h	Luminous Flux (Rated) (Nom)	3250 lm
Life to 50% Failures (Nom)	15000 h	Color Designation	Cool Daylight
Life to 50% Failures Preheat (Nom)	20000 h	Chromaticity Coordinate X (Nom)	0.313
LSF 2000 h Rated	99 %	Chromaticity Coordinate Y (Nom)	0.337
LSF 4000 h Rated	99 %	Correlated Color Temperature (Nom)	6500 K
LSF 6000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	84 lm/W
LSF 8000 h Rated	99 %	Color Rendering Index (Nom)	80
LSF 12000 h Rated	89 %	LLMF 2000 h Rated	96 %
LSF 16000 h Rated	33 %	LLMF 4000 h Rated	95 %
LSF 20000 h Rated	2 %	LLMF 6000 h Rated	94 %
Flux measurement reference	Sphere	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical			
Color Code	865 [CCT of 6500K]		

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Operating and Electrical

Power (Rated) (Nom)	36.8 W
Lamp Current (Nom)	0.440 A

Temperature

Design Temperature (Nom)	25 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb Shape	T8 [26 mm (T8)]
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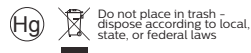
Approval and Application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg

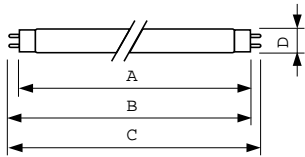
Energy Consumption kWh/1000 h	37 kWh
EPREL Registration Number	423386

Product Data

Order product name	MASTER TL-D Super 80 36W/865 1SL/25
EAN/UPC - Product	8711500632074
Order code	250928
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927921086544
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/65/1B-E-G13



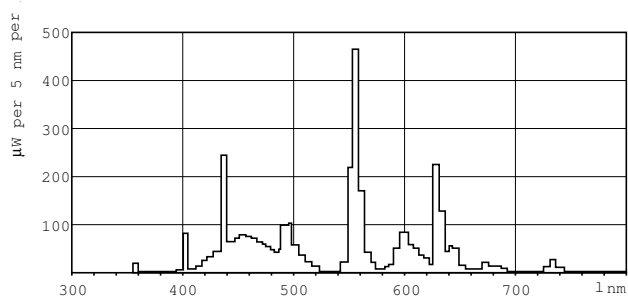
Dimensional drawing



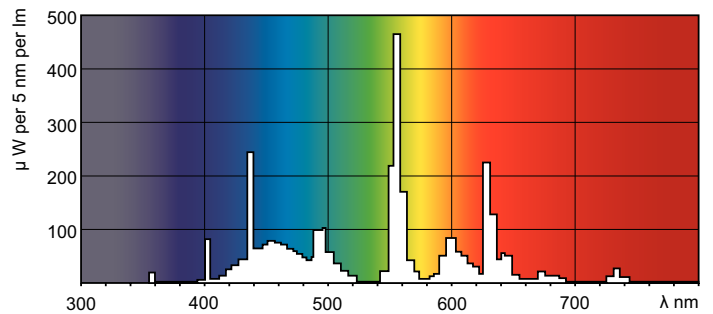
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 36W/865 1SL/25	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

TL-D 36W/865

Photometric data



LDPB_TL-D8_865-Spectral power distribution B/W



LDPO_TL-D8_865-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

