



MASTER TL-D Super 80

MASTER TL-D Super 80 1m 36W/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		Color Designation	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Color Designation	Cool White (CW)
Life To 10% Failures (Nom)	12000 h	Correlated Color Temperature (Nom)	4000 K
Life to 50% Failures (Nom)	15000 h	Luminous Efficacy (rated) (Nom)	86 lm/W
Life to 50% Failures Preheat (Nom)	20000 h	Color Rendering Index (Nom)	>80
LSF 2000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 4000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 6000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF 8000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF 12000 h Rated	89 %	LLMF 12000 h Rated	92 %
LSF 16000 h Rated	33 %	LLMF 16000 h Rated	91 %
LSF 20000 h Rated	2 %	LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Power (Nom)	36 W
Luminous Flux (Nom)	3100 lm	Lamp Current (Nom)	0.560 A
Luminous Flux (Rated) (Nom)	3100 lm		

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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

Energy Consumption kWh/1000 h 42 kWh

Product Data

Full product code 871150055877040

Order product name MASTER TL-D Super 80 1m 36W/840 SLV/25

EAN/UPC - Product 8711500558770

Order code 927923084014

Numerator - Quantity Per Pack 1

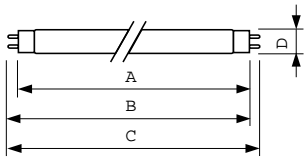
Numerator - Packs per outer box 25

Material Nr. (12NC) 927923084014

Net Weight (Piece) 120.000 g

ILCOS Code FD-36/40/1B-E-G13

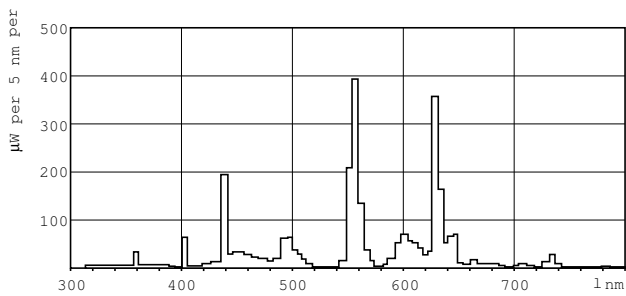
Dimensional drawing



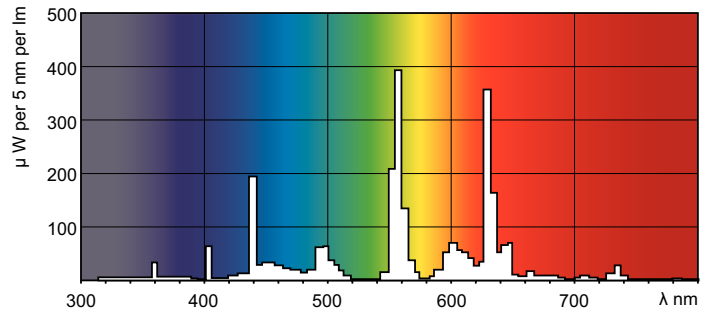
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 1m 36W/840 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm

TL-D 1m 36W/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

