



MASTER TL-D Super 80



MASTER TL-D Super 80 23W/840 1SL/25

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

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		Operating and Electrical	
Cap base	G13 [Medium Bi-Pin Fluorescent]	Chromaticity coordinate X (nom.)	0.38
Life to 10% failures (nom.)	12000 h	Chromaticity coordinate Y (nom.)	0.38
Life to 50% failures (nom.)	15000 h	Correlated Colour Temperature (Nom)	4000 K
Life to 50% failures preheat (nom.)	20000 h	Luminous efficacy (rated) (nom.)	89 lm/W
LSF 2000 h Rated	99 %	Colour rendering index (nom.)	81
LSF 4000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 6000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 8000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF 12000 h Rated	89 %	LLMF 8000 h Rated	93 %
LSF 16000 h Rated	33 %	LLMF 12000 h Rated	92 %
LSF 20000 h Rated	2 %	LLMF 16000 h Rated	91 %
	Sphere	LLMF 20000 h Rated	90 %
Light Technical		Power (Rated) (Nom)	23.4 W
Colour Code	840 [CCT of 4,000 K]	Lamp current (nom.)	0.295 A
Luminous flux (nom.)	2020 lm		
Luminous flux (rated) (nom.)	2050 lm		
Colour designation	Cool White (CW)		

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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.) 2 mg

Mercury (Hg) content (nom.) 2.0 mg

Energy consumption kWh/1,000 hours 24 kWh

423413

Product Data

Full product code 871150055870140

Order product name MASTER TL-D Super 80 23W/840 SLV/25

EAN/UPC – product 8711500558701

Order code 55870140

Local order code 23840

SAP numerator – quantity per pack 1

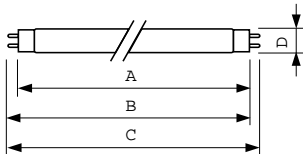
Numerator – packs per outer box 25

SAP material 927922584014

SAP net weight (piece) 120.000 g

ILCOS code FD-23/40/1B-E-G13

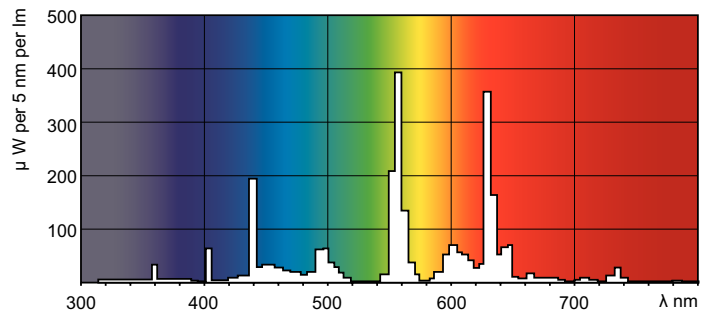
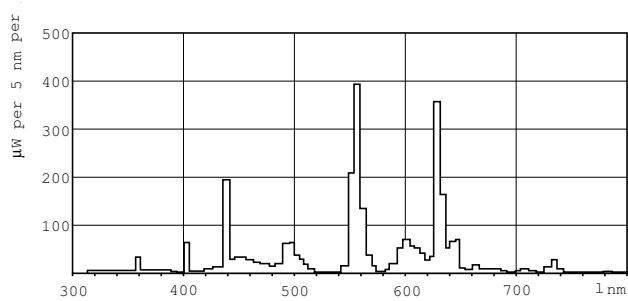
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 23W/840 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm

TL-D 23W/840

Photometric data



Lightcolour /840

Lightcolour /840

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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

