



# 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		89 lm/W
Life To 10% Failures (Nom)	12000 h	Colour Rendering Index horiz (Nom)	>80
Life to 50% Failures (Nom)	15000 h	Depreciation 2000 hrs	96 %
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 4000 h Rated	95 %
LSF 2000 h Rated	99 %	Depreciation 5000 hrs	94 %
LSF 4000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF 6000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF 8000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF 12000 h Rated	89 %	LLMF 20000 h Rated	90 %
LSF 16000 h Rated	33 %		
LSF 20000 h Rated	2 %		
		Operating and Electrical	
		Power (Rated) (Nom)	23.0 W
		Lamp Current (Nom)	0.295 A
		Temperature	
		Design Temperature (Nom)	25 °C
Light Technical			
Colour Code	840 [ CCT of 4000K]		
Luminous Flux (Nom)	2050 lm		
Luminous Flux (Rated) (Nom)	2050 lm		
Colour Designation	Cool White (CW)		
Colour Temperature, horizontal (Nom)	4000 K		

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## Controls and Dimming

Dimmable	Yes
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## Approval and Application

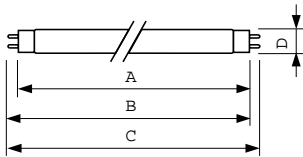
Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	28 kWh

## Product Data

Full product code	871150055870140
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Order product name	MASTER TL-D Super 80 23W/840 SLV/25
EAN/UPC - Product	8711500558701
Order code	55870140
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927922584014
Net Weight (Piece)	120.000 g
ILCOS Code	FD-23/40/1B-E-G13

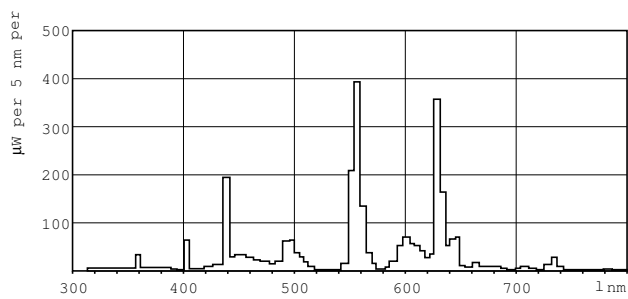
## Dimensional drawing



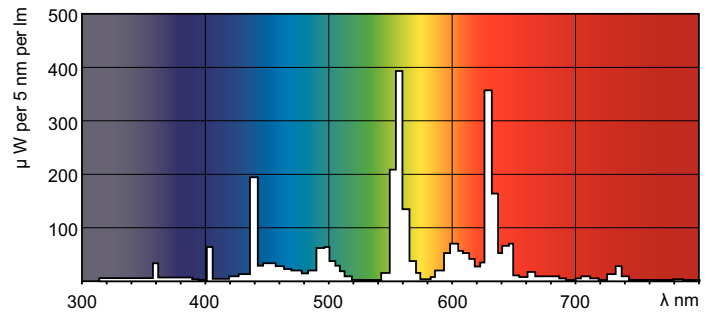
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 23W/840 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm

## TL-D 23W/840

## Photometric data



## Lightcolour /840



## Lightcolour /840

# 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

