



# 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

### Product data

General Information		Depreciation 5000 hrs	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	LLMF 8000 h Rated	94 %
Life To 10% Failures (Nom)	12000 h	LLMF 12000 h Rated	93 %
Life to 50% Failures (Nom)	15000 h	LLMF 16000 h Rated	92 %
Life to 50% Failures Preheat (Nom)	20000 h	LLMF 20000 h Rated	91 %
LSF 2000 h Rated	99 %		90 %
LSF 4000 h Rated	99 %	Operating and Electrical	
LSF 6000 h Rated	99 %	Power (Rated) (Nom)	23.0 W
LSF 8000 h Rated	99 %	Lamp Current (Nom)	0.295 A
LSF 12000 h Rated	89 %	Temperature	
LSF 16000 h Rated	33 %	Design Temperature (Nom)	25 °C
LSF 20000 h Rated	2 %	Controls and Dimming	
Light Technical		Dimmable	Yes
Colour Code	840 [ CCT of 4000K]	Approval and Application	
Luminous Flux (Nom)	2050 lm	Energy Efficiency Label	A
Luminous Flux (Rated) (Nom)	2050 lm	Mercury (Hg) Content (Nom)	2.0 mg
Colour Designation	Cool White (CW)	Energy Consumption kWh/1000 h	28 kWh
Colour Temperature, horizontal (Nom)	4000 K	Product Data	
Luminous Efficacy (rated) (Nom)	89 lm/W	Full product code	871150055870140
Colour Rendering Index horiz (Nom)	>80		
Depreciation 2000 hrs	96 %		
LLMF 4000 h Rated	95 %		

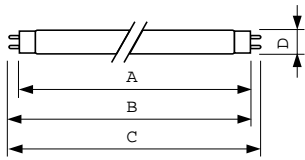
# MASTER TL-D Super 80

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

## Warnings and Safety

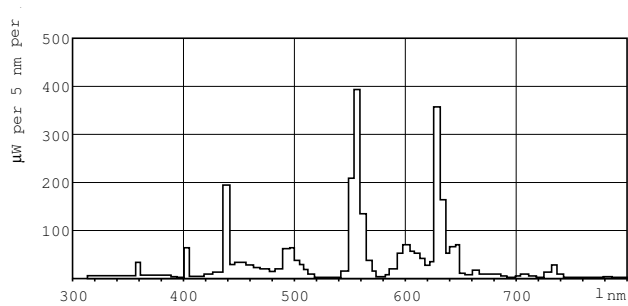
## Dimensional drawing



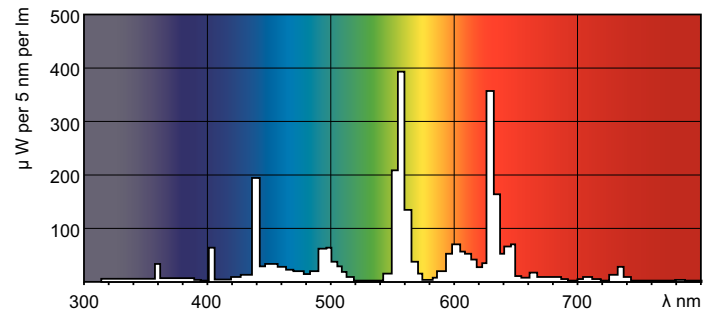
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 23W/840 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm

### TL-D 23W/840

## Photometric data



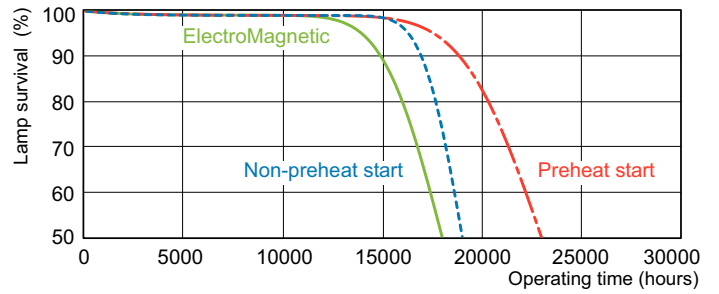
### Lightcolour /840



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## Lifetime



LDLE\_TL-D8\_0001-Life expectancy diagram

