



# MASTER TL-D Super 80



## MASTER TL-D Super 80 70W/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	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
Life To 10% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	15000 h
Life to 50% Failures Preheat (Nom)	20000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	97 %
LSF 6000 h Rated	96 %
LSF 8000 h Rated	95 %
LSF 12000 h Rated	89 %
LSF 16000 h Rated	33 %
LSF 20000 h Rated	2 %
Flux measurement reference	Sphere
Light technical	
Colour Code	840 [ CCT of 4000K]
Luminous Flux (Nom)	6200 lm
Luminous Flux (Rated) (Nom)	6200 lm
Colour Designation	Cool White (CW)

Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Colour Temperature, horizontal (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	89 lm/W
Colour Rendering Index horiz (Nom)	81
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

### Operating and electrical

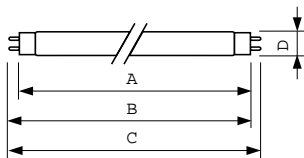
Power (Rated) (Nom)	70.0 W
Lamp Current (Nom)	0.690 A

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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)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	70 kWh

EPREL Registration Number	423436
Product data	
Full product code	871150061592340
Order product name	MASTER TL-D Super 80 70W/840 SLV/25
EAN/UPC - Product	8711500615923
Order code	61592340
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927923884014
Net Weight (Piece)	199.900 g
ILCOS Code	FD-70/40/1B-E-G13

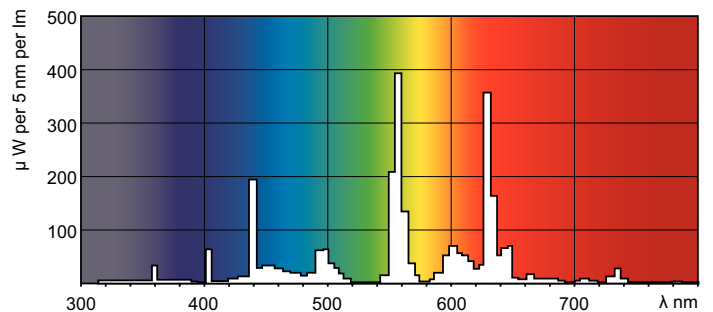
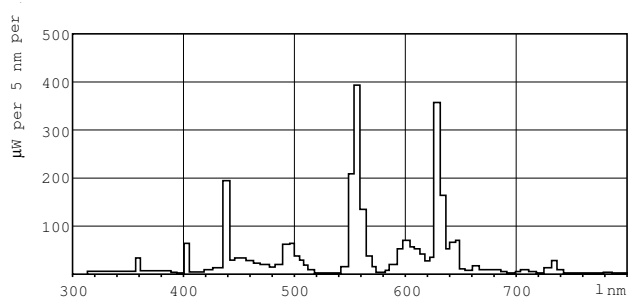
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 70W/840 SLV/25	28 mm	1763.8 mm	1770.9 mm	1768.5 mm	1778 mm

## MASTER TL-D Super 80 70W/840 SLV/25

## 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

