



# MASTER TL-D Super 80



## MASTER TL-D Super 80 23W/830 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	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	89 %
LSF 16000 h Rated	33 %
LSF 20000 h Rated	2 %
Flux measurement reference	Sphere
Light technical	
Colour Code	830 [ CCT of 3000K]
Luminous Flux (Nom)	2020 lm
Luminous Flux (Rated) (Nom)	2050 lm
Colour Designation	Warm White (WW)

Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403
Colour Temperature, horizontal (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	89 lm/W
Colour Rendering Index horiz (Nom)	82
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)	23.4 W
Lamp Current (Nom)	0.295 A

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## Temperature

Design Temperature (Nom)	25 °C
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## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Bulb Shape	T8 [ 26 mm (T8)]
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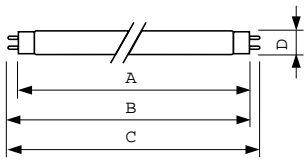
## Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Nom)	1.7 mg
Energy Consumption kWh/1000 h	24 kWh
EPREL Registration Number	423412

## Product data

Full product code	871150055863340
Order product name	MASTER TL-D Super 80 23W/830 SLV/25
EAN/UPC - Product	8711500558633
Order code	55863340
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927922583014
Net Weight (Piece)	120.000 g
ILCOS Code	FD-23/30/1B-E-G13

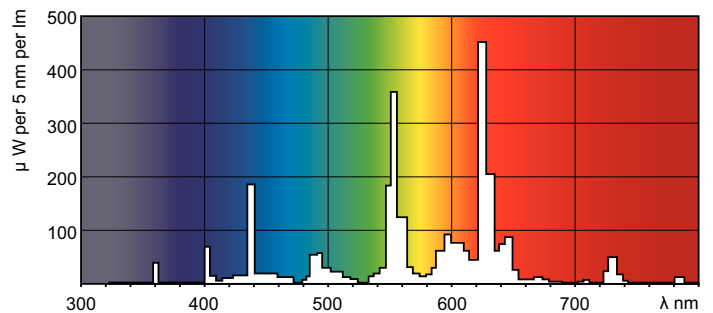
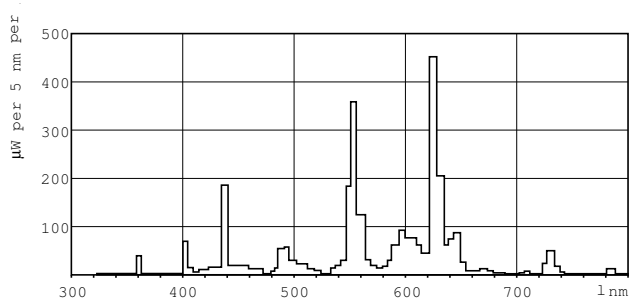
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 23W/830 SLV/25	28 mm	970.0 mm	977.1 mm	974.7 mm	984.2 mm

## MASTER TL-D Super 80 23W/830 SLV/25

## Photometric data



## Lightcolour /830

## Lightcolour /830

# 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

