



# MASTER TL-D Super 80

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

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

### Product data

General Information		LLMF 2000 h Rated		96 %	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	LLMF 4000 h Rated	95 %		
Life To 10% Failures (Nom)	12000 h	LLMF 6000 h Rated	94 %		
Life To 50% Failures (Nom)	15000 h	LLMF 8000 h Rated	93 %		
Life To 50% Failures Preheat (Nom)	20000 h	LLMF 12000 h Rated	92 %		
LSF 2000 h Rated	99 %	LLMF 16000 h Rated	91 %		
LSF 4000 h Rated	99 %	LLMF 20000 h Rated	90 %		
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 %				
Light Technical		Operating and Electrical			
Color Code	830 [ CCT of 3000K]	Power (Rated) (Nom)	23.0 W		
Luminous Flux (Nom)	2050 lm	Lamp Current (Nom)	0.295 A		
Luminous Flux (Rated) (Nom)	2050 lm				
Color Designation	Warm White (WW)	Temperature			
Chromaticity Coordinate X (Nom)	444	Design Temperature (Nom)	25 °C		
Chromaticity Coordinate Y (Nom)	410	Controls and Dimming			
Correlated Color Temperature (Nom)	3000 K	Dimmable	Yes		
Luminous Efficacy (rated) (Nom)	89 lm/W	Mechanical and Housing			
Color Rendering Index (Nom)	83	Cap-Base Information	Green Plate		
		Approval and Application			
		Energy Efficiency Label (EEL)	A		

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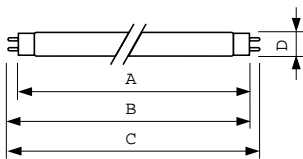
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	28 kWh
<b>Product Data</b>	
Full product code	871150055863340
Order product name	MASTER TL-D Super 80 23W/830 SLV/25
EAN/UPC - Product	8711500558633
Order code	927922583014

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

## 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.

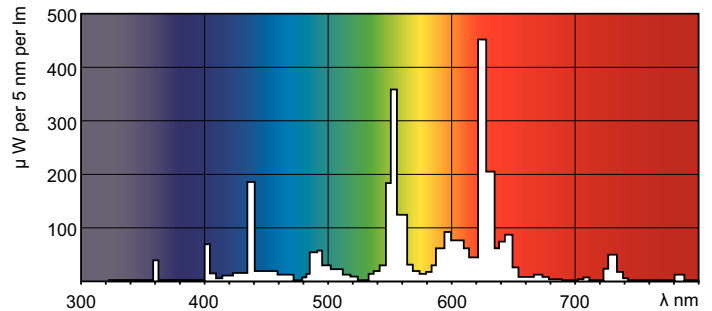
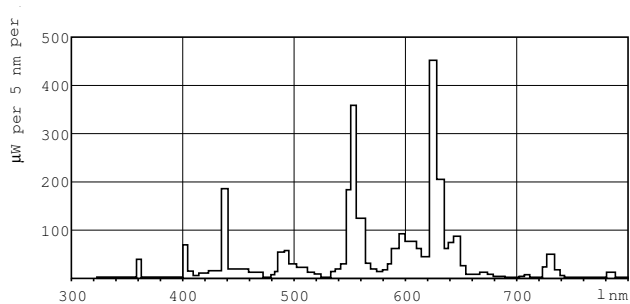
## Dimensional drawing



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

## TL-D 23W/830

## Photometric data



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