



# MASTER TL-D HF Super 80



## MASTER TL-D HF Super 80 50W/840 SLV/25

Low-pressure mercury discharge lamps with a tubular 26 mm envelope and argon gas filling

### Warnings and Safety

- Special electronic gear must be used
- 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

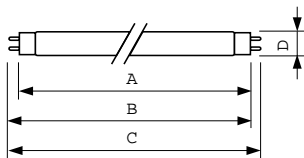
General Information		Operating and Electrical	
Cap base	G13 [ Medium Bi-Pin Fluorescent]	Chromaticity coordinate X (nom.)	0.38
Life to 50% failures preheat (nom.)	20000 h	Chromaticity coordinate Y (nom.)	0.38
System description	High Frequency [ High Frequency (HF)]	Colour Temperature, horizontal (Nom)	4000 K
LSF preheat 2,000 hours rated	99 %	Lamp Luminous Efficacy EM (Nom)	100 lm/W
LSF preheat 4,000 hours rated	99 %	Colour Rendering Index,horiz (Nom)	81
LSF preheat 6,000 hours rated	99 %	LLMF 2000 h Rated	96 %
LSF preheat 8,000 hours rated	99 %	LLMF 4000 h Rated	95 %
LSF preheat 16,000 hours rated	95 %	LLMF 6000 h Rated	94 %
LSF preheat 20,000 hours rated	50 %	LLMF 8000 h Rated	93 %
	Sphere	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical			
Colour Code	840 [ CCT of 4,000 K]	Power (Rated) (Nom)	50.0 W
Lamp Luminous Flux 25°C EL (Nom)	5000 lm	Lamp current (nom.)	0.355 A
Lamp Luminous Flux (Nom)	5000 lm		
Colour Designation	Cool White (CW)		

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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	F
Mercury (Hg) content (max.)	2 mg
Mercury (Hg) content (nom.)	2.0 mg
Energy consumption kWh/1,000 hours	50 kWh

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Product Data	
Full product code	871150063159640
Order product name	MASTER TL-D HF Super 80 50W/840 SLV/25
EAN/UPC – product	8711500631596
Order code	927925084014
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927925084014
SAP net weight (piece)	167.000 g
ILCOS code	FDH-50/40/1B-L/P-G13-26/1500

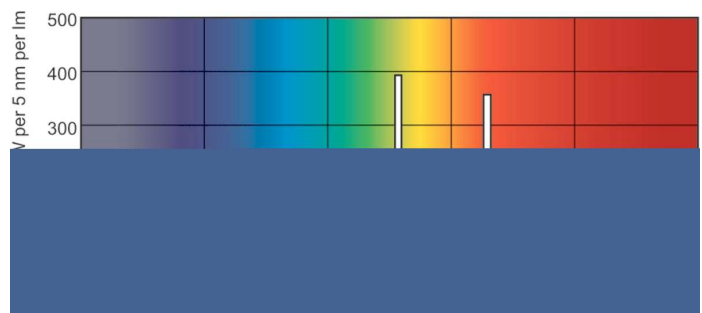
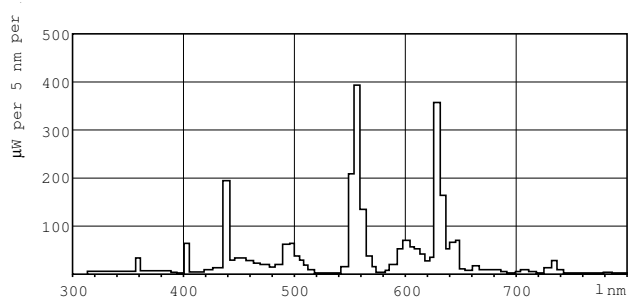
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D HF Super 80 50W/840 SLV/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

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## Photometric data

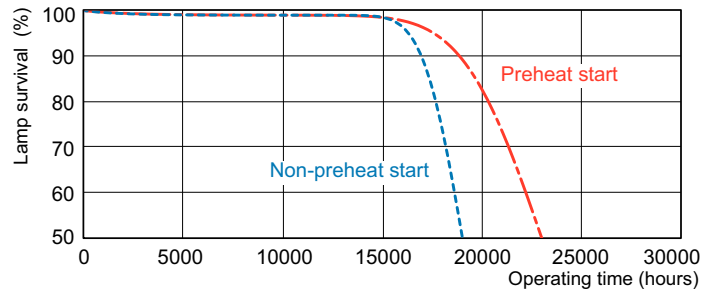


## Lightcolour /840

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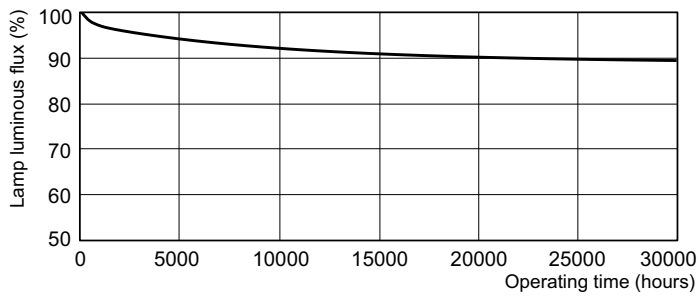
# MASTER TL-D HF Super 80

## Lifetime



LDLE\_TL-D8HF\_0001-Life expectancy diagram

LDLE\_TL-D8HF\_0002-Life expectancy diagram



LDLM\_TL-D8HF\_0001-Lumen maintenance diagram

