

MASTER TL-D HF Super 80

MASTER TL-D HF Super 80 50W/840 1SL/25

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

Product data

• General Information

Cap base	G13 [Medium Bi-Pin Fluorescent]
Bulb shape	T8 [26 mm (T8)]
Life to 50% failures preheat (nom.)	20000 h
System description	High Frequency [High Frequency (HF)]
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	95 %
LSF Preheat 20000 h Rated	50 %

• Light Technical

Luminous flux (nom.)	5000 lm
Luminous flux (rated) (nom.)	5000 lm
Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	383
Chromaticity coordinate Y (nom.)	386
Correlated colour temperature (nom.)	4100 K
Luminous efficacy (rated) (nom.)	100 lm/W
Color rendering index (nom.)	85
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	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)	50.0 W
Lamp current (nom.)	0.355 A

• Temperature

Design temperature (nom.)	25 °C

• Controls and Dimming

Dimmable	yes

• Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	2.0 mg
Energy Consumption kWh/1000 h	58 kWh

• Product Data

Full product code	871150063159640
Order product name	MASTER TL-D HF Super 80 50W/840 SLV/25
EAN/UPC – product	8711500631596

PHILIPS

MASTER TL-D HF Super 80

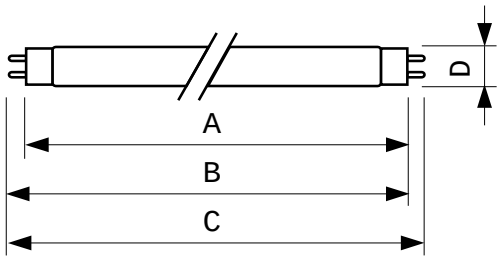
Order code	63159640
Local Code	50840
Numerator – quantity per pack	1
Numerator – packs per outer box	25

Material no. (12NC)	927925084014
Net weight (piece)	186.000 g
ILCOS Code	FDH-50/40/1B-L/P-G13-26/1500

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.

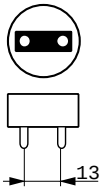
Dimensional drawing



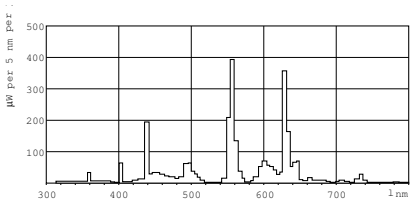
TL-D HF 50W/840

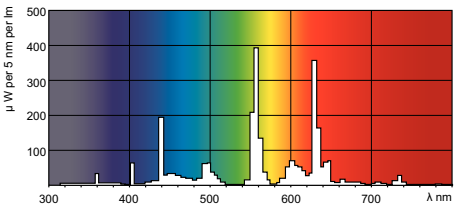
Product	D	A	B	B	C
MASTER TL-D HF Super 80 50W/840 SLV/25	1507.1 mm	1504.7 mm	1514.2 mm		

G13, T8



Photometric data





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data subject to change