

MASTER TL-D HF Super 80

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

The MASTER TL-D HF 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 is designed to be operated on special high-frequency electronic ballasts. It is not for general use.

Product data

• General Information

Cap-Base	G13 [G13 Medium Bi-Pin Fluorescent]
Life To 50% Failures	20000 h
Preheat (Nom)	
System Description	High Frequency
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

Color Code	840 [CCT of 4000K (841)]
Luminous Flux (Nom)	5000 lm
Luminous Flux (Rated) (Nom)	5000 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	383
Chromaticity Coordinate Y (Nom)	386
Correlated Color 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

PHILIPS

MASTER TL-D HF Super 80

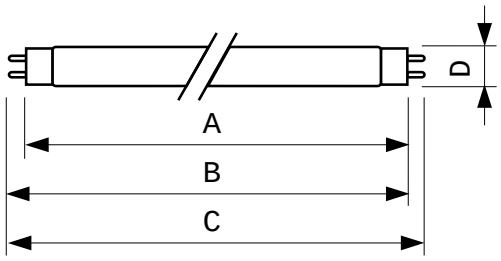
EAN/UPC - Product	8711500631596
Order code	927925084014
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25

Material Nr. (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.

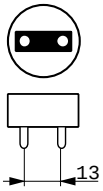
Dimensional drawing



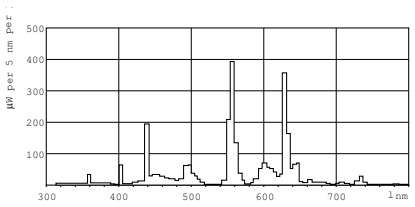
TL-D HF 50W/840

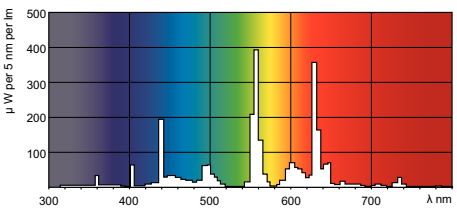
Product	D	A	B	B	C
MASTER TL-D HF Super 80 50W/840 SLV/25	28 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

G13, T8



Photometric data





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2015, December 28
data subject to change