

# MASTER TL-D HF Super 80

## MASTER TL-D HF Super 80 32W/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) | 3200 lm |
| Luminous Flux (Rated) (Nom) | 3200 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) | 32.0 W |
| Lamp Current (Nom) | 0.255 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 | 38 kWh |

### • Product Data

| | |
|---|---|
| Full product code | 871150063153440 |
| Order product name | MASTER TL-D HF Super 80 32W/840 SLV/25 |

PHILIPS

# MASTER TL-D HF Super 80

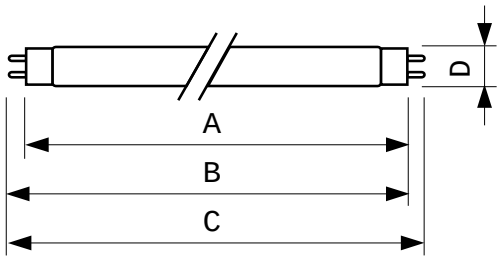
| | |
|---|---|
| EAN/UPC - Product | 8711500631534 |
| Order code | 927924584023 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |

| | |
|---|---|
| Material Nr. (12NC) | 927924584023 |
| Net Weight (Piece) | 137.500 g |
| ILCOS Code | FDH-32/40/1B-L/P-G13-26/1200 |

## 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.

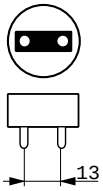
## Dimensional drawing



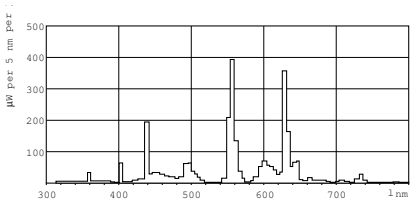

### TL-D HF 32W/840

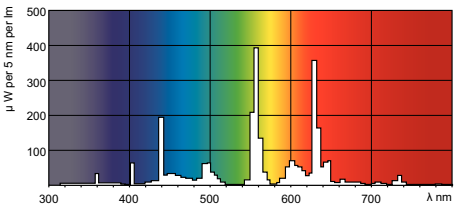
| Product | D | A | B | B | C |
|---|---|---|---|---|---|
| MASTER TL-D HF Super 80 32W/840 SLV/25 | 28 mm | 1199.4 mm | 1206.5 mm | 1204.1 mm | 1213.6 mm |

G13, T8




## Photometric data



© 2015 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

**www.philips.com/lighting**

2015, December 28
data subject to change