



# Product Description

## MASTER TL-D HF Super 80

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

### Benefits

- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Good colour rendering
- Creates atmospheres from warm white to cool daylight

### Features

- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- High initial lumen output
- Available in varying colour designations
- Low mercury dose
- MASTER TL-D lamps are fully recyclable
- End-cap has green bottom plate to identify lamp as recyclable

### Application

- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.

### 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.

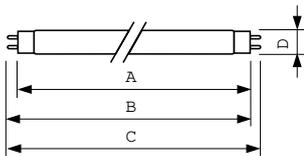
# MASTER TL-D HF Super 80

## Versions



LPPR TL-D8HF Super-80 G13

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D HF Super 80 16W/840 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
MASTER TL-D HF Super 80 50W/840 SLV/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm

### General Information

Cap base	G13
<b>Light Technical</b>	
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K

### Controls and Dimming

Dimmable	Yes
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### Mechanical and Housing

Bulb shape	T8
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### Approval and Application

Mercury (Hg) content (nom.)	1.7 mg
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### Light Technical

Order Code	Full Product Name	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
63147340	MASTER TL-D HF Super 80 16W/840 1SL/25	82	87.5 lm/W	1,400 lm
63159640	MASTER TL-D HF Super 80 50W/840 1SL/25	81	100 lm/W	5,000 lm

## Operating and Electrical

Order Code	Full Product Name	Lamp current (nom.)	Power Consumption
63147340	MASTER TL-D HF Super 80 16W/840 1SL/25	0.255 A	16.5 W

# MASTER TL-D HF Super 80

Order Code	Full Product Name	Lamp current (nom.)	Power Consumption
63159640	MASTER TL-D HF Super 80 50W/840 1SL/25	0.355 A	50.0 W

## Approval and Application

Order Code	Full Product Name	Energy consumption kWh/ 1,000 hours
63147340	MASTER TL-D HF Super 80 16W/840 1SL/25	17 kWh

Order Code	Full Product Name	Energy consumption kWh/ 1,000 hours
63159640	MASTER TL-D HF Super 80 50W/840 1SL/25	50 kWh

