

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.

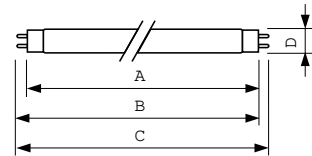
MASTER TL-D HF Super 80

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
Light Technical	
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
Mechanical and Housing	
Bulb shape	T8
Approval and Application	
Mercury (Hg) content (nom.)	1.7 mg

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	Power Consumption
		(nom.)	
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

