



Product Description

MASTER TL-D Eco

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Benefits

- Simple lamp-for-lamp replacement for more than 10% energy savings
- Makes lighting installations compliant with latest indoor lighting standards
- Relatively high efficacy, both initially and during lifetime, with high lumen maintenance

Features

- The only T8 fluorescent lamp that saves more than 10% of energy in existing indoor luminaires
- Can be directly retrofitted into existing fluorescent fittings operating on conventional EM or HF gear in indoor applications
- Uses the latest highly efficient phosphors and special filling gas
- High-quality lighting with good color rendering (CRI>80)
- Light output comparable to other TL-D Super 80 colors
- Lumen maintenance and lifetime the same as other TL-D Super 80 colors
- Dimmable

Application

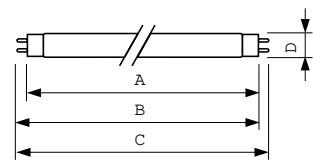
- Indoor working areas (office, public/government buildings, schools, hospitals, etc.) with ambient temperatures above 15 °C

Warnings and Safety

- 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.

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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Eco 16W/840 SLV/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
MASTER TL-D Eco 51W/865 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	
Color rendering index (CRI)	82
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	Chromaticity	Chromaticity	Correlated Color		Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Designation	Temperature (Nom)	(rated) (Nom)	
26472540	MASTER TL-D Eco 51W/865 1SL/25	0.313	0.337	Cool Daylight	6500 K	84 lm/W	3,925 lm
26861740	MASTER TL-D Eco 16W/840 1SL/25	0.38	0.38	Cool White (CW)	4000 K	75 lm/W	1,100 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Power Consumption
		(Nom)	
26472540	MASTER TL-D Eco 51W/865 1SL/25	0.700 A	49.8 W

Order Code	Full Product Name	Lamp Current	Power Consumption
		(Nom)	
26861740	MASTER TL-D Eco 16W/840 1SL/25	0.380 A	15.8 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
26472540	MASTER TL-D Eco 51W/865 1SL/25	50 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
26861740	MASTER TL-D Eco 16W/840 1SL/25	16 kWh

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