



# Product Description

## MASTER TL5 High Efficiency

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

### Benefits

- Allows system miniaturization and maximum luminaire design freedom
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- Lamp lengths enable easy fitting into ceiling module systems
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- High lamp efficacies and luminaire efficiencies
- Offers higher efficiencies and energy savings compared with TL-D lamps
- Virtually constant lumen level with excellent lumen maintenance
- Good colour rendering

### Features

- 40% thinner and 5 cm shorter than corresponding TL-D lamps
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- High lamp efficacies up to 104 lm/W
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- Specifically designed for operation with electronic gear
- Highly efficient 3-band fluorescent coating in combination with precoating
- Maximum light output reached at approximately 35 °C in free-burning position
- Specifically designed for operation with electronic gear and well suited for dimming
- Maximum light output reached at approx. 35 °C in free-burning position if an electronic ballast without additional electrode heating is used
- Can be ignited from -15 to +50 °C

# MASTER TL5 High Efficiency

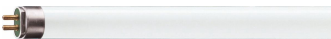
## Application

- Ideally suited for recessed, surface-mounted and suspended luminaires in applications like offices, shops, schools, public buildings and industry (low ceiling), wherever high-quality, energy-effective lighting is required
- Ideally suited for recessed, surface-mounted and suspended luminaires in applications like offices, shops, schools, public buildings and industry, wherever high-quality, energy-effective lighting is required

## Warnings and Safety

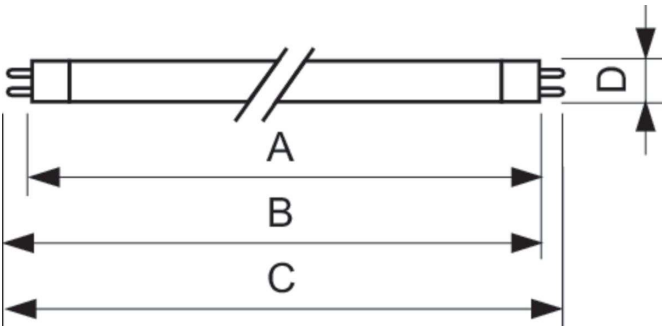
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
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## Versions



LPPR TL5-HE8

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/830 SLV/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
MASTER TL5 HE 35W/865 SLV/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

# MASTER TL5 High Efficiency

General Information	
Cap-Base	G5
Light Technical	
Color rendering index (CRI)	82
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Nom)	1.2 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)	
927926583055	MASTER TL5 HE 28W/830 SLV/40	0.44	0.403	Warm White (WW)	3000 K	96 lm/W	2,675 lm
927927086555	MASTER TL5 HE 35W/865 SLV/40	0.313	0.337	Cool Daylight	6500 K	87 lm/W	3,100 lm

## Operating and Electrical

Order Code	Full Product Name	Lamp Current	Power Consumption
		(Nom)	
927926583055	MASTER TL5 HE 28W/830 SLV/40	0.170 A	28.1 W
927927086555	MASTER TL5 HE 35W/865 SLV/40	0.175 A	34.9 W

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927926583055	MASTER TL5 HE 28W/830 SLV/40	29 kWh
927927086555	MASTER TL5 HE 35W/865 SLV/40	35 kWh

