



# Efficient fluorescent lighting with improved color rendering

# **TL5** consumer products

A TL5 lamp is 40% thinner and 5 cm shorter than corresponding TL-D lamp. The lamps are available in 3 wattages and in 2 colors (warm white and cool white).

#### **Benefits**

- · Good color rendering
- · High energy efficiency and lumen maintenance
- · Long lifetime
- · Create atmospheres from warm white to cool white

## **Features**

- · Highly efficient 3-band fluorescent coating
- · Low mercury dose
- · Specifically designed for operation with electronic gear

#### **Application**

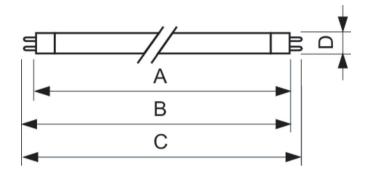
• Suitable for use in a wide range of luminaires for TL5 (16 mm diameter) fluorescent lamps.

### 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)
TL5 HE 14W CW 1PP/10	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
TL5 HE 21W CW 1PP/10	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
TL5 HE 21W WW 1PP/10	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
TL5 HE 28W CW 1PP/10	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

General Information	
Cap-Base	G5
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Nom)	1.2 mg

## **Light Technical**

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		Chromaticity	Chromaticity					
		Coordinate X	Coordinate Y		Correlated Color	Color rendering	Luminous Efficacy	
Order Code	Full Product Name	(Nom)	(Nom)	Color Designation	Temperature (Nom)	index (CRI)	(rated) (Nom)	Luminous Flux
89719025	TL5 HE 14W CW 1PP/10	0.38	0.38	Cool White (CW)	4000 K	80	86 lm/W	1,200 lm
89721325	TL5 HE 21W WW 1PP/10	0.44	0.403	Warm White (WW)	3000 K	82	90 lm/W	1,900 lm
89723725	TL5 HE 21W CW 1PP/10	0.38	0.38	Cool White (CW)	4000 K	80	90 lm/W	1,900 lm
89727525	TL5 HE 28W CW 1PP/10	0.38	0.38	Cool White (CW)	4000 K	80	96 lm/W	2,675 lm

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
89719025	TL5 HE 14W CW 1PP/10	0.165 A	14.0 W
89721325	TL5 HE 21W WW 1PP/10	0.165 A	20.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
89723725	TL5 HE 21W CW 1PP/10	0.165 A	20.8 W
89727525	TL5 HE 28W CW 1PP/10	0.170 A	28.1 W

## **Approval and Application**

Order Code	Full Product Name	Energy Consumption kWh/1000 h
89719025	TL5 HE 14W CW 1PP/10	14 kWh
89721325	TL5 HE 21W WW 1PP/10	21 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
89723725	TL5 HE 21W CW 1PP/10	21 kWh
89727525	TL5 HE 28W CW 1PP/10	29 kWh

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