



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 14W WW 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
TL5 HE 28W WW 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

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)				
927926083032	TL5 HE 14W WW 1PP/10	0.44	0.403	Warm White (WW) 3000 K	82	86 lm/W	1,200 lm
927926084032	TL5 HE 14W CW 1PP/10	0.38	0.38	Cool White (CW) 4000 K	80	86 lm/W	1,200 lm
927926283032	TL5 HE 21W WW 1PP/10	0.44	0.403	Warm White (WW) 3000 K	82	90 lm/W	1,900 lm
927926284032	TL5 HE 21W CW 1PP/10	0.38	0.38	Cool White (CW) 4000 K	80	90 lm/W	1,900 lm
927926583032	TL5 HE 28W WW 1PP/10	0.44	0.403	Warm White (WW) 3000 K	82	96 lm/W	2,675 lm
927926584032	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
927926083032	TL5 HE 14W WW 1PP/10	0.165 A	14.0 W
927926084032	TL5 HE 14W CW 1PP/10	0.165 A	14.0 W
927926283032	TL5 HE 21W WW 1PP/10	0.165 A	20.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927926284032	TL5 HE 21W CW 1PP/10	0.165 A	20.8 W
927926583032	TL5 HE 28W WW 1PP/10	0.170 A	28.1 W
927926584032	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
927926083032	TL5 HE 14W WW 1PP/10	14 kWh
927926084032	TL5 HE 14W CW 1PP/10	14 kWh
927926283032	TL5 HE 21W WW 1PP/10	21 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927926284032	TL5 HE 21W CW 1PP/10	21 kWh
927926583032	TL5 HE 28W WW 1PP/10	29 kWh
927926584032	TL5 HE 28W CW 1PP/10	29 kWh

