



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.

TL5 consumer products

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

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Color rendering	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	index (CRI)	(rated) (Nom)	
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

