



The world's most efficient fluorescent lighting

MASTER TL5 High Efficiency Eco

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HE Eco lamp offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Benefits

- Up to 10 % energy saving with simply changing the lamp
- The same quality of light as compared with MASTER TL5 HE lamps
- All benefits of regular TL5 lamps

Features

- High lamp efficacies up to 114 lm/W
- Up to 10% power reduction in comparison with standard MASTER TL5 HE lamps
- Fluorescent Super 80 light quality

Application

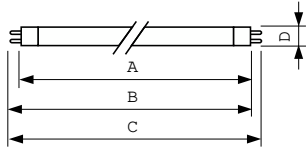
- Ideally suited for recessed, surface-mounted and suspended luminaires e.g. in offices, shops, schools, public buildings and industry (low ceiling), wherever high-quality, energy-efficient lighting is required

Warnings and Safety

- A reduction in energy consumption is only achieved with current-controlled gear.
- The lamps operate perfectly with power-controlled gear, but in that case the light output can be up to 10% higher.
- 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 TL5 HE Eco 13=14W/840 UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
MASTER TL5 HE Eco 25=28W/840 1SL/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
MASTER TL5 HE Eco 25=28W/840 UNP/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

General Information	
Cap-Base	G5
Light Technical	
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Operating and Electrical	
Lamp Current (Nom)	0.170 A
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 Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
927989884031	MASTER TL5 HE Eco 13=14W/840 UNP/40	0.38	0.38	80	92 lm/W	1,150 lm
927990984031	MASTER TL5 HE Eco 25=28W/840 UNP/40	0.38	0.38	80	103 lm/W	2,520 lm
927990984033	MASTER TL5 HE Eco 25=28W/840 1SL/40	-	-	82	103 lm/W	2,900 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
927989884031	MASTER TL5 HE Eco 13=14W/840 UNP/40	12.5 W
927990984031	MASTER TL5 HE Eco 25=28W/840 UNP/40	25.4 W

Order Code	Full Product Name	Power Consumption
927990984033	MASTER TL5 HE Eco 25=28W/840 1SL/40	25.2 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927989884031	MASTER TL5 HE Eco 13=14W/840 UNP/40	13 kWh

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Order Code	Full Product Name	Energy Consumption kWh/1000 h
927990984031	MASTER TL5 HE Eco 25=28W/840 UNP/40	26 kWh
927990984033	MASTER TL5 HE Eco 25=28W/840 1SL/40	28 kWh

