PHILIPS

MASTER TL5 High Efficiency Eco

TL5HEECO



The world's most efficient fluorescent lighting

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

Applications

- 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

Features

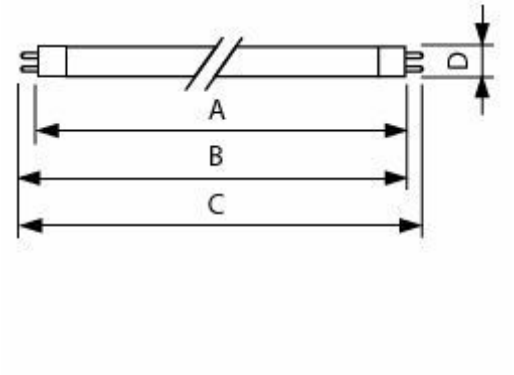
- High lamp efficacies up to 114 lm/W
- Up to 10% power reduction in comparison with standard MASTER TL5 HE lamps
- Fluorescent Super 80 light quality
- A reduction in energy consumption is only achieved with current-controlled gear.
- The lamps operate perfectly with power-controlled gear, but in that 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.

Versions



LPPR TL5HEECO PHL

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
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)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	103 lm/W

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	Luminous Flux	Color rendering index (CRI)
927990984031	MASTER TL5 HE Eco 25=28W/840 UNP/40	2,520 lm	80
927990984033	MASTER TL5 HE Eco 25=28W/840 1SL/40	2,900 lm	82

Operating and Electrical

Order Code	Full Product Name	Power Consumption
927990984031	MASTER TL5 HE Eco 25=28W/840 UNP/40	25.4 W
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
927990984031	MASTER TL5 HE Eco 25=28W/840 UNP/40	26 kWh
927990984033	MASTER TL5 HE Eco 25=28W/840 1SL/40	28 kWh

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