

# PHILIPS

## Lighting



# MASTER TL5 High Efficiency Eco

## MASTER TL5 HE Eco 25=28W/840 UNP/40

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 colour rendering. Application areas vary from offices and industry to schools and retail environments.

### Product data

General Information	
Cap base	G5 [ G5]
Life to 50% failures preheat (nom.)	25000 h
Features	na [ Not Applicable]
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	99 %
LSF Preheat 20000 h Rated	94 %
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Rated) (Nom)	25.2 W
Lamp current (nom.)	0.170 A
Temperature	
Design temperature (nom.)	35 °C
Controls and Dimming	
Dimmable	yes
Light Technical	
Colour Code	840 [ CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	2900 lm
Lamp Luminous Flux (Nom)	2600 lm
Colour Designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	114 lm/W
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	103 lm/W
Colour Rendering Index,horiz (Max)	85

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## Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	28 kWh

## Product Data

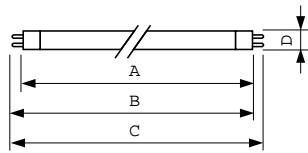
Full product code	872790082589300
Order product name	MASTER TL5 HE Eco 25=28W/840 UNP/40

EAN/UPC – product	8711500880017
Order code	927990984031
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927990984031
Net weight (piece)	105.800 g
ILCOS Code	FDH-25/40/1B-L/P-G5-16/1150

## 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.

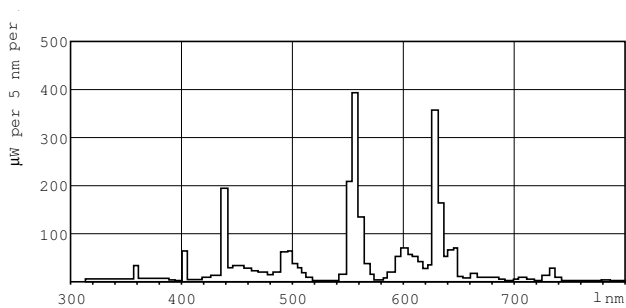
## Dimensional drawing



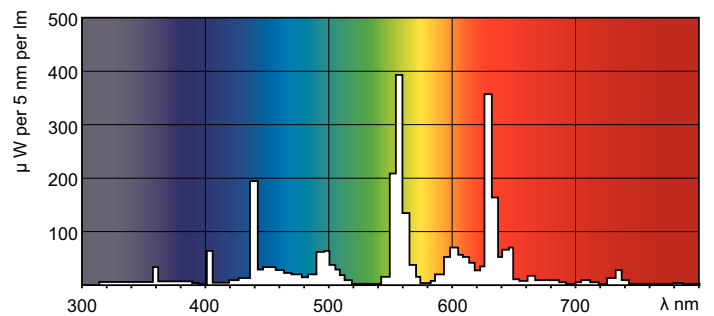
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco 25=28W/840 UNP/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## TL5 HE Eco 25=28W/840

## Photometric data



## Lightcolour /840



## Lightcolour /840

# MASTER TL5 High Efficiency Eco

## Lifetime

