



# MASTER TL5 High Efficiency Eco

## MASTER TL5 HE Eco 32=35W/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 %
Color rendering index (min.) 80	
Color rendering index (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)	31.7 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]
Luminous flux (nom.)	3650 lm
Luminous flux (rated) (nom.)	3250 lm
Colour designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	114 lm/W
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (rated) (nom.)	103 lm/W
Color rendering index (max.)	85

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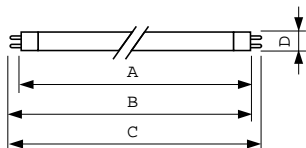
Approval and Application	
Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	35 kWh
Product Data	
Full product code	872790082593000
Order product name	MASTER TL5 HE Eco 32=35W/840 UNP/40
EAN/UPC – product	8711500880031

Order code	82593000
Local Code	32840TL5ECO
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927991184031
Net weight (piece)	127.400 g
ILCOS Code	FDH-32/40/1B-L/P-G5-16/1450

## 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.

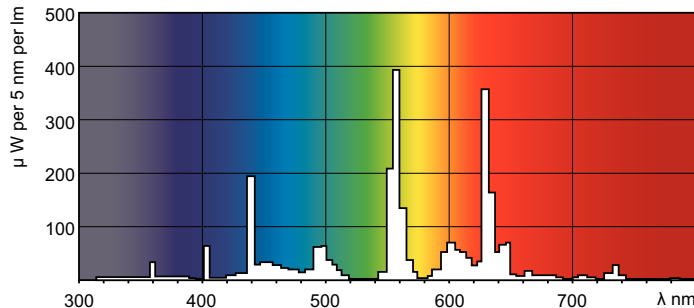
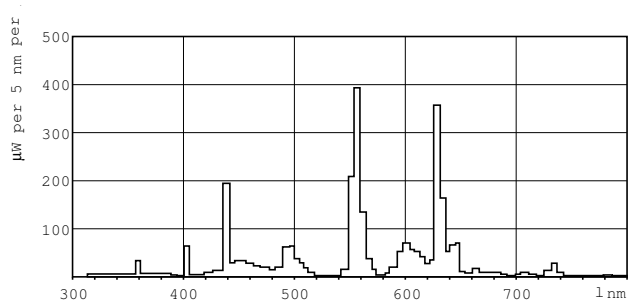
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco 32=35W/840 UNP/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## TL5 HE Eco 32=35W/840

## Photometric data



## Lightcolour /840

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## Lifetime

