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

## Warnings and Safety

**PHILIPS** 

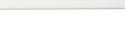
Lighting

- $\cdot$  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.

### Product data

General Information		Color rendering index (CRI)	80
Cap-Base	G5 [G5]		
Features	na [Not Applicable]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	31.7 W
		Lamp Current (Nom)	0.170 A
Light Technical			
Color Code	840 [CCT of 4000K]	Controls and Dimming	
Luminous Flux	3,150 lm	Dimmable	Yes
Color Designation	Cool White (CW)		
Chromaticity Coordinate X (Nom)	0.38	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.38	Bulb Shape	T5 [16 mm (T5)]
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	103 lm/W	Approval and Application	
		Energy Efficiency Class	F

data subject to change





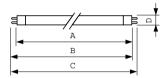
## **MASTER TL5 High Efficiency Eco**

Mercury (Hg) Content (Nom)	1.2 mg			
Energy Consumption kWh/1000 h	32 kWh			
EPREL Registration Number	423471			
Product Data				
Order product name	MASTER TL5 HE Eco 32=35W/840 UNP/40			
Full product name	MASTER TL5 HE Eco 32=35W/840 UNP/40			
Full product code	872790082593000			

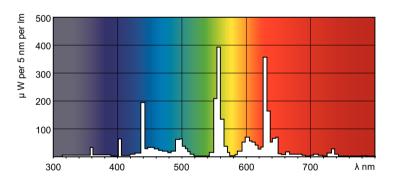
Order code	927991184031		
Material Nr. (12NC)	927991184031		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8711500880031		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8727900825930		

#### Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
32=35W/840 UNP/40					



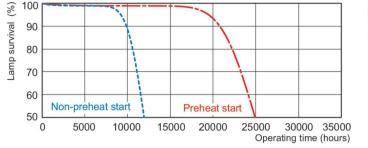
#### Photometric data

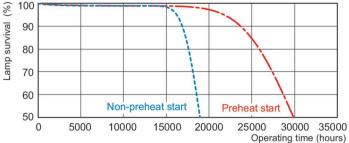


Spectral Power Distribution Colour - MASTER TL5 HE Eco 32=35W/840 UNP/40

## **MASTER TL5 High Efficiency Eco**

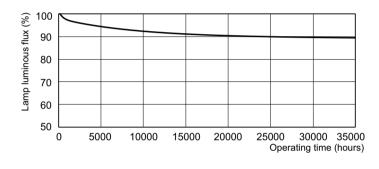
#### Lifetime





Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40

Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40



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