



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

### **Warnings and Safety**

- $\cdot$  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				
Cap-Base	G5			
Features	na [Not Applicable]			
Flux measurement reference	Sphere			
Light Technical				
Color Code	840 [CCT of 4000K]			
Luminous Flux	2,520 lm			
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			

Color rendering index (CRI)	80
Operating and Electrical	
Power Consumption	25.4 W
Lamp Current (Nom)	0.170 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Energy Efficiency Class	F

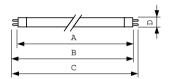
Datasheet, 2024, February 29 data subject to change

# **MASTER TL5 High Efficiency Eco**

Mercury (Hg) Content (Nom)	1.2 mg			
Energy Consumption kWh/1000 h	26 kWh			
EPREL Registration Number	423468			
Product Data				
Order product name	MASTER TL5 HE Eco 25=28W/840 UNP/40			
Full product name	MASTER TL5 HE Eco 25=28W/840 UNP/40			
Full product code	872790082589300			

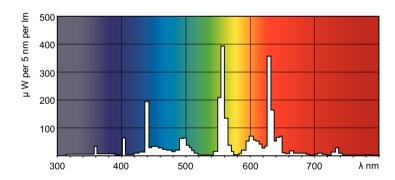
Order code	927990984031
Material Nr. (12NC)	927990984031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500880017
Numerator - Packs per outer box	40
EAN/UPC - Case	8727900825893

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
25=28W/840 UNP/40					

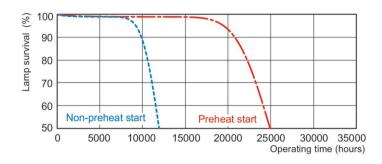
## Photometric data

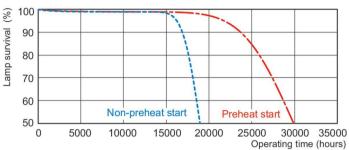


Spectral Power Distribution Colour - MASTER TL5 HE Eco 25=28W/840 UNP/40

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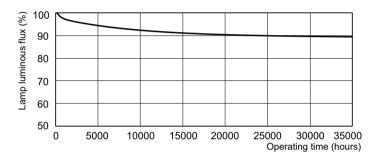
#### Lifetime





Life Expectancy Diagram - MASTER TL5 HE Eco 25=28W/840 UNP/40





Lumen Maintenance Diagram - MASTER TL5 HE Eco 25=28W/840 UNP/40



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