

# Lighting

**PHILIPS** 

# MASTER TL5 High Efficiency Eco

# MASTER TL5 HE Eco 25=28W/865 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.

### Warnings and Safety

- A reduction in energy consumption is only achieved with current-controlled gear.
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- The lamps operate perfectly with power-controlled gear, but in that case the light output can be up to 10% higher.
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- 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.
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#### **Product data**

General Information		Luminous Efficacy (rated) (Nom)	96 lm/W		
Cap-Base	G5 [G5]	Color rendering index (CRI)	82		
Features	na [Not Applicable]				
		Operating and Electrical	Operating and Electrical		
Light Technical		Power Consumption	25.2 W		
Color Code	865 [CCT of 6500K]	Lamp Current (Nom)	0.170 A		
Luminous Flux	2,700 lm				
Color Designation	Cool Daylight				
Correlated Color Temperature (Nom)	6500 K				

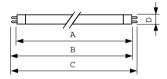
# **MASTER TL5 High Efficiency Eco**

Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb Shape	T5 [16 mm (T5)]			
Approval and Application				
Mercury (Hg) Content (Nom)	1.4 mg			
Energy Consumption kWh/1000 h	28 kWh			
Product Data				
Order product name	MASTER TL5 HE Eco 25=28W/865 UNP/40			

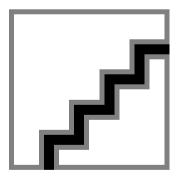
Full product name	MASTER TL5 HE Eco 25=28W/865 UNP/40			
Full product code	872790090056900			
Order code	927990986531			
Material Nr. (12NC)	927990986531			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8727900900569			
Numerator - Packs per outer box	40			
EAN/UPC - Case	8727900900569			

## 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/865 UNP/40					



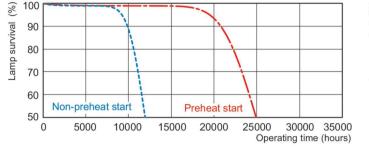
### Photometric data

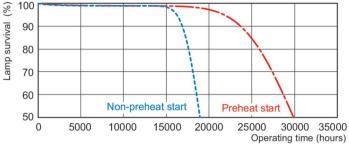


Spectral Power Distribution Colour - MASTER TL5 HE Eco 25=28W/865 UNP/40

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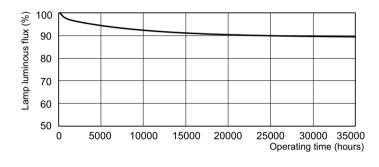
### Lifetime





Life Expectancy Diagram - MASTER TL5 HE Eco 25=28W/865 UNP/40

Life Expectancy Diagram - MASTER TL5 HE Eco 25=28W/865 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HE Eco 25=28W/865 UNP/40



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