

# Lighting

**PHILIPS** 

# MASTER TL5 High Efficiency Eco

# MASTER TL5 HE Eco 25=28W/830 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

- · 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)	82
Cap-Base	G5 [G5]		
Features	na [Not Applicable]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	25.4 W
		Lamp Current (Nom)	0.170 A
Light Technical			
Color Code	830 [CCT of 3000K]	Controls and Dimming	
Luminous Flux	2,520 lumen	Dimmable	Yes
Color Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.44	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.403	Bulb Shape	T5 [16 mm (T5)]
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	103 lm/W	Approval and Application	
		Mercury (Hg) Content (Nom)	1.2 mg

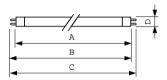
# **MASTER TL5 High Efficiency Eco**

Energy Consumption kWh/1000 h	26 kWh		
EPREL Registration Number	423,467		
Product Data			
Full product code	872790082588600		
Order product name	MASTER TL5 HE Eco 25=28W/830 UNP/40		
Order code	927990983031		

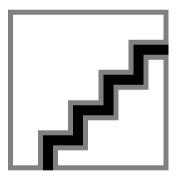
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	40			
Material number (12NC)	927990983031			
Full product name	MASTER TL5 HE Eco 25=28W/830 UNP/40			
EAN/UPC - Case	8727900825886			

### **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/830 UNP/40					



## Photometric data



Spectral Power Distribution Colour - MASTER TL5 HE Eco 25=28W/830 UNP/40

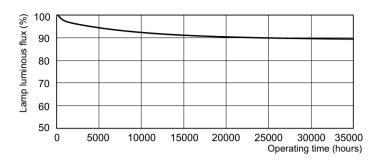
#### Lifetime



Life Expectancy Diagram - MASTER TL5 HE Eco 25=28W/830 UNP/40

# **MASTER TL5 High Efficiency Eco**

Lifetime



Lumen Maintenance Diagram - MASTER TL5 HE Eco 25=28W/830 UNP/40



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