

# Lighting

**PHILIPS** 

# MASTER TL5 High Efficiency Eco

# MASTER TL5 HE Eco 32=35W/840 1SL/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.
- 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		Lamp current (nom.)	0.170 A		
Cap base	G5 [G5]				
Features	na [Not Applicable]	Controls and Dimming			
		Dimmable	Yes		
Light Technical					
Colour Code	840 [CCT of 4000K]	Mechanical and Housing	Mechanical and Housing		
Luminous Flux	3,650 lm	Bulb shape	T5 [16 mm (T5)]		
Colour designation	Cool White (CW)				
Correlated Colour Temperature	4000 K	Approval and Application			
Luminous efficacy (rated) (nom.)	103 lm/W	Mercury (Hg) content (nom.)	1.2 mg		
Colour rendering index (CRI)	82	Energy consumption kWh/1,000 hours	35 kWh		
Operating and Electrical		Product Data			
Power Consumption	31.7 W	Order product name	MASTER TL5 HE Eco 32=35W/840 1SL/40		

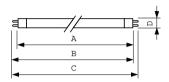
# **MASTER TL5 High Efficiency Eco**

Full product name	MASTER TL5 HE Eco 32=35W/840 1SL/40		
Full EOC	872790090826801		
Order code	90826801		
Material no. (12 NC)	927991184033		
Local order code	MTL5E32W840		
SAP numerator – quantity per pack	1		

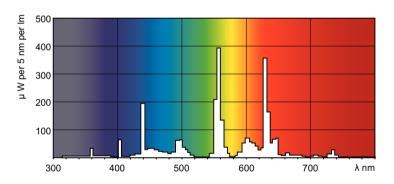
EAN/UPC — Product/Case	8727900908268			
Numerator – packs per outer box	40			
EAN/UPC - Case	8718291224747			

### **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 1SL/40					

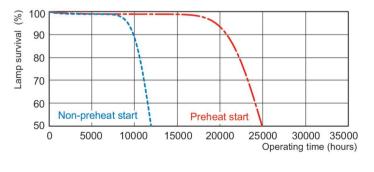


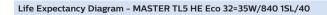
#### Photometric data

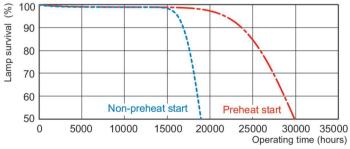


Spectral Power Distribution Colour - MASTER TL5 HE Eco 32=35W/840 1SL/40

## Lifetime



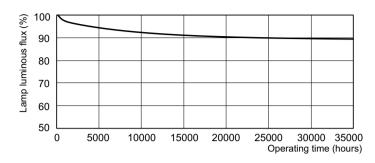




Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 1SL/40

# **MASTER TL5 High Efficiency Eco**

Lifetime



Lumen Maintenance Diagram - MASTER TL5 HE Eco 32=35W/840 1SL/40



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