



# MASTER TL5 High Output Eco

## MASTER TL5 HO Eco 45=49W/830 UNP/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HO Eco lamp is optimized for installations requiring high light output and 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				
Cap base	G5 [G5]			
Features	na [Not Applicable]			
Light Technical				
Colour Code	830 [CCT of 3000K]			
Luminous Flux	4,900 lm			
Colour designation	Warm White (WW)			
Correlated Colour Temperature	3000 K			
Luminous efficacy (rated) (nom.)	92 lm/W			
Colour rendering index (CRI)	82			

Operating and Electrical				
Power Consumption	44.6 W			
Lamp current (nom.)	0.260 A			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb shape	T5 [16 mm (T5)]			
Approval and Application				
Mercury (Hg) content (nom.)	1.2 mg			

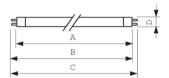
Datasheet, 2023, April 14 data subject to change

# **MASTER TL5 High Output Eco**

Energy consumption kWh/1,000 hours	50 kWh
Product Data	
Order product name	MASTER TL5 HO Eco 45=49W/830 UNP/40
Full product name	MASTER TL5 HO Eco 45=49W/830 UNP/40
Full EOC	872790082594700
Order code	82594700
Material no. (12 NC)	927991783031

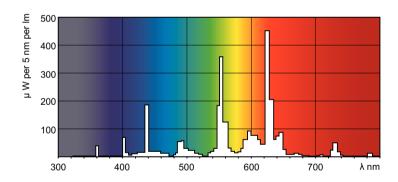
Local order code	45830TL5ECO		
SAP numerator – quantity per pack	1		
EAN/UPC — Product/Case	8711500880062		
Numerator – packs per outer box	40		
EAN/UPC - Case	8727900825947		

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
45=49W/830 UNP/40					

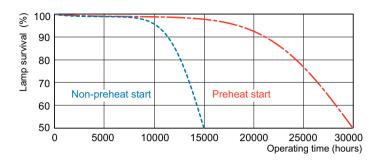
## Photometric data

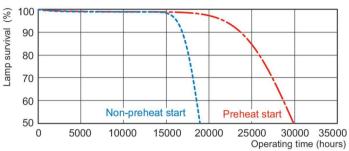


Spectral Power Distribution Colour - MASTER TL5 HO Eco 45=49W/830 UNP/40

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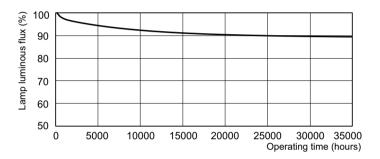
### Lifetime





Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/830 UNP/40





Lumen Maintenance Diagram - MASTER TL5 HO Eco 45=49W/830 UNP/40



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