



# 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

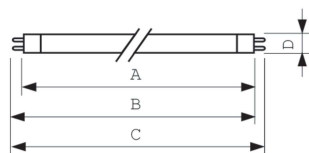
General Information		Operating and Electrical	
Cap base	G5 [G5]	Power Consumption	44.6 W
Features	na [Not Applicable]	Lamp current (nom.)	0.260 A
Light Technical		Controls and Dimming	
Colour Code	830 [CCT of 3000K]	Dimmable	Yes
Luminous Flux	4,900 lm	Mechanical and Housing	
Colour designation	Warm White (WW)	Bulb shape	T5 [16 mm (T5)]
Correlated Colour Temperature	3000 K	Approval and Application	
Luminous efficacy (rated) (nom.)	92 lm/W	Mercury (Hg) content (nom.)	1.2 mg
Colour rendering index (CRI)	82		

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Energy consumption kWh/1,000 hours	50 kWh
<b>Product Data</b>	
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

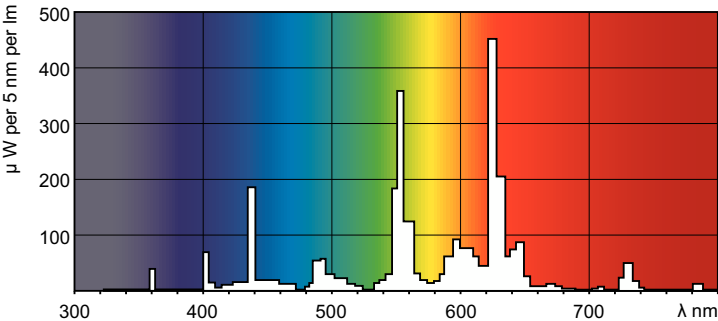
Local order code	45830TL5ECO
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500880062
Numerator – packs per outer box	40
EAN/UPC – Case	8727900825947

## Dimensional drawing



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

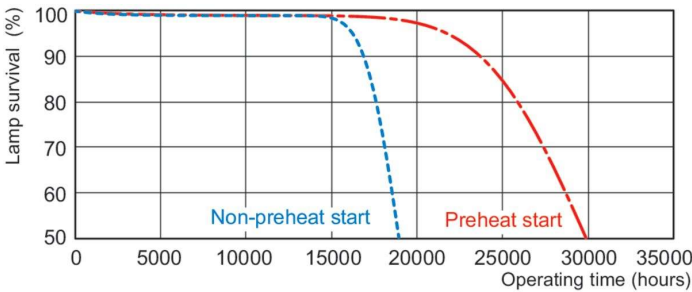
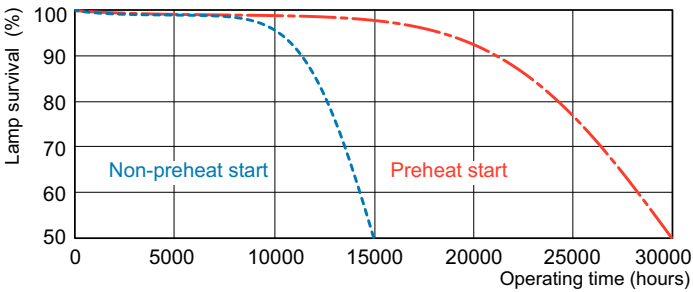
## Photometric data



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

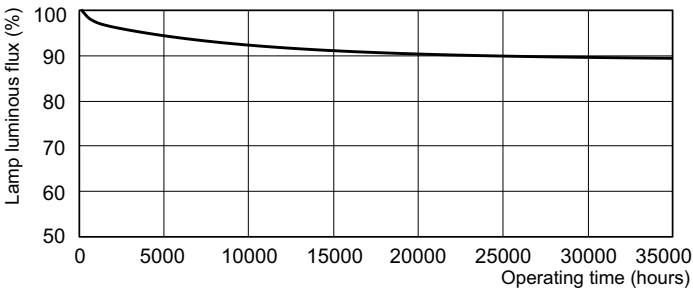
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Lifetime



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

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



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

