



# MASTER TL5 High Output EcoPlus

## MASTER TL5 HO EcoPlus 44=54W/830 UNP/40

TL5 High Output EcoPlus lamp (tube diameter 16 mm) provides extra energy savings by simple lamp-for-lamp replacement of TL5 HO Eco lamps, at the expense of slightly reduced light output. No compromises are made on the excellent TL5 lumen maintenance, lifetime 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.
- TL5 HO EcoPlus is not designed for dimming applications.
- 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

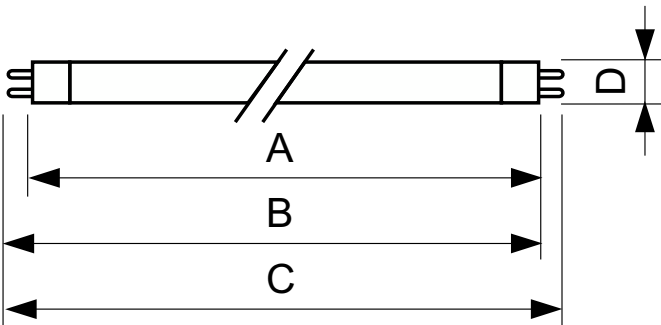
General Information		Color rendering index (CRI)	
Cap-Base	G5 [G5]	82	
Features	HO XEW Alto® [High Output Energy Advantage Alto]	Operating and Electrical	
		Power Consumption	44 W
		Lamp Current (Nom)	0.460 A
Light Technical		Controls and Dimming	
Color Code	830 [CCT of 3000K]	Dimmable	No
Luminous Flux	4,500 lm	Mechanical and Housing	
Color Designation	Warm White (WW)	Bulb Shape	T5 [16 mm (T5)]
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	91 lm/W		

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Approval and Application	
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	48 kWh
Product Data	
Order product name	MASTER TL5 HO EcoPlus 44=54W/830 UNP/40
Full product name	MASTER TL5 HO EcoPlus 44=54W/830 UNP/40
Full product code	871829166332400

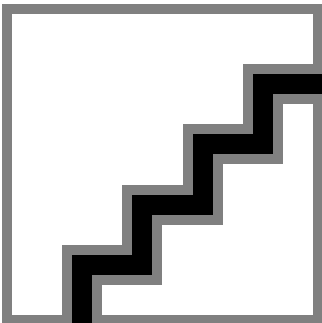
Order code	927995483031
Material Nr. (12NC)	927995483031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291548096
Numerator - Packs per outer box	40
EAN/UPC - Case	8718291663324

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO EcoPlus 44=54W/830 UNP/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

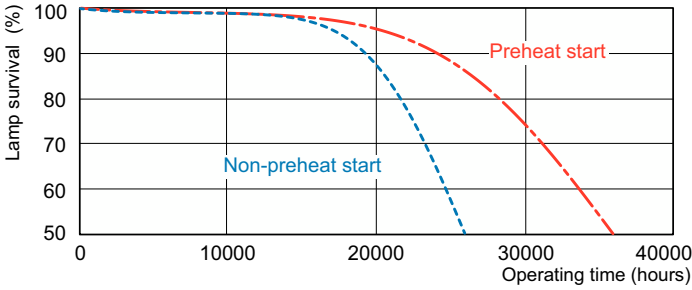
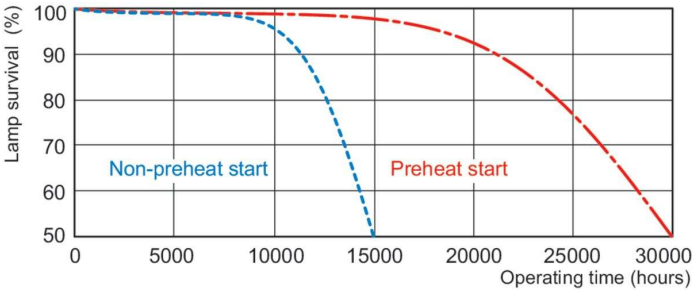
## Photometric data



Spectral Power Distribution Colour - MASTER TL5 HO EcoPlus 44=54W/830 UNP/40

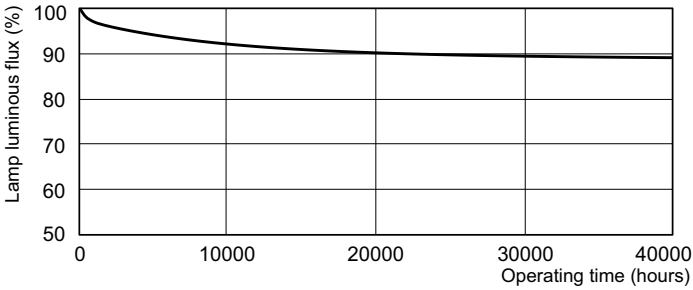
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Lifetime



Life Expectancy Diagram - MASTER TL5 HO EcoPlus 44=54W/830 UNP/40

Life Expectancy Diagram - MASTER TL5 HO EcoPlus 44=54W/830 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HO EcoPlus 44=54W/830 UNP/40

