



# MASTER TL5 High Output Eco



# MASTER TL5 HO Eco 45=49W/840 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 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				
Cap-Base	G5			
Features	na [Not Applicable]			
Flux measurement reference	Sphere			
Light Technical				
Color Code	840 [CCT of 4000K]			
Luminous Flux	4,225 lm Cool White (CW)			
Color Designation				
Chromaticity Coordinate X (Nom)	0.38			
Chromaticity Coordinate Y (Nom)	0.38			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	92 lm/W			

Color rendering index (CRI)	80
Operating and Electrical	
Power Consumption	45.4 W
Lamp Current (Nom)	0.260 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5

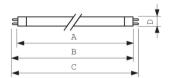
Datasheet, 2023, April 15 data subject to change

# **MASTER TL5 High Output Eco**

Approval and Application				
Energy Efficiency Class	F			
Mercury (Hg) Content (Nom)	1.2 mg			
Energy Consumption kWh/1000 h	46 kWh			
EPREL Registration Number	423477			
Product Data				
Order product name	MASTER TL5 HO Eco 45=49W/840 UNP/40			
Full product name	MASTER TL5 HO Eco 45=49W/840 UNP/40			

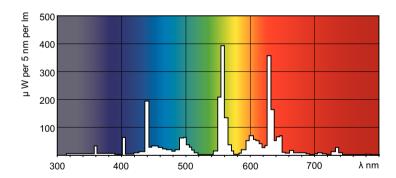
Full product code	872790082595400	
Order code	82595400 927991784031	
Material Nr. (12NC)		
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8711500880079	
Numerator - Packs per outer box	40	
EAN/UPC - Case	8727900825954	

## 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/840 UNP/40					

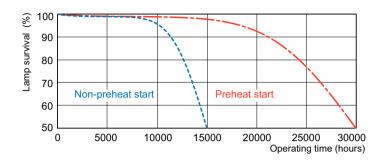
## Photometric data

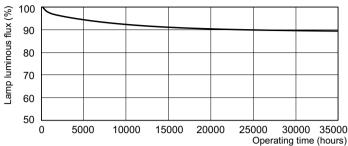


Spectral Power Distribution Colour - MASTER TL5 HO Eco 45-49W/840 UNP/40

## **MASTER TL5 High Output Eco**

#### Lifetime





Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/840 UNP/40

Lumen Maintenance Diagram - MASTER TL5 HO Eco 45=49W/840 UNP/40

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