



# MASTER TL5 High Output Eco

# MASTER TL5 HO Eco 45=49W/840 1SL/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 [G5]		
Features	na [Not Applicable]		
Light Technical			
Color Code	840 [CCT of 4000K]		
Luminous Flux	4,900 lm		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	92 lm/W		
Color 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				

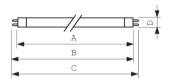
Datasheet, 2023, September 21 data subject to change

# **MASTER TL5 High Output Eco**

Energy Consumption kWh/1000 h	50 kWh			
Product Data				
Order product name	MASTER TL5 HO Eco 45=49W/840 1SL/40			
Full product name	MASTER TL5 HO Eco 45=49W/840 1SL/40			
Full product code	872790090840401			
Order code	927991784033			

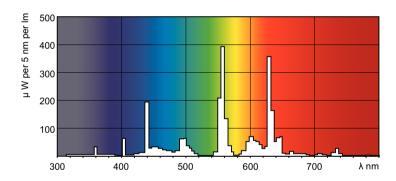
Material Nr. (12NC)	927991784033		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8727900908404		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8718291224808		

## Dimensional drawing



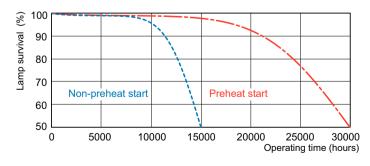
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
45=49W/840 1SL/40					

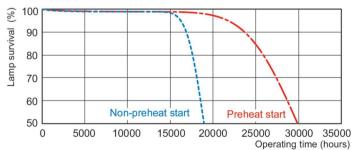
### Photometric data



Spectral Power Distribution Colour - MASTER TL5 HO Eco 45=49W/840 1SL/40

#### Lifetime



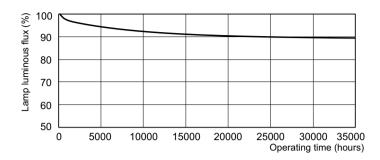


Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/840 1SL/40

Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/840 1SL/40

# **MASTER TL5 High Output Eco**

## Lifetime



Lumen Maintenance Diagram - MASTER TL5 HO Eco 45=49W/840 1SL/40



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