

Lighting

PHILIPS

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		Color rendering index (CRI)	80
Cap-Base	G5 [G5]		
Features	na [Not Applicable]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	45.4 W
		Lamp Current (Nom)	0.260 A
Light Technical			
Color Code	840 [CCT of 4000K]	Controls and Dimming	
Luminous Flux	4,225 lumen	Dimmable	Yes
Color Designation	Cool White (CW)		
Chromaticity Coordinate X (Nom)	0.38	Mechanical and Housing	
Chromaticity Coordinate Y (Nom)	0.38	Bulb Shape	T5 [16 mm (T5)]
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	92 lm/W		

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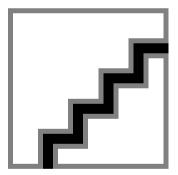
Approval and Application						
Mercury (Hg) Content (Nom)	1.2 mg					
Energy Consumption kWh/1000 h	46 kWh					
EPREL Registration Number	423,477					
Product Data						
Full product code	872790082595400					
Order product name	MASTER TL5 HO Eco 45=49W/840 UNP/40					

Order code	927991784031			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	40			
Material number (12NC)	927991784031			
Full product name	MASTER TL5 HO Eco 45=49W/840 UNP/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					

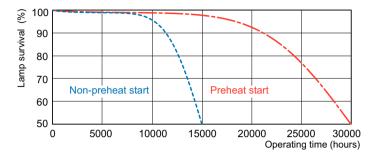
Photometric data



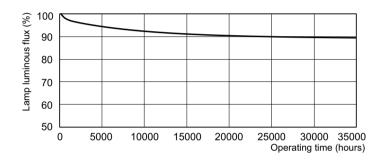
Spectral Power Distribution Colour - MASTER TL5 HO Eco 45=49W/840 UNP/40

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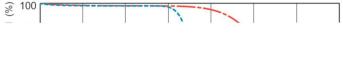
Lifetime



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



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



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



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