



MASTER TL5 High Output Eco

MASTER TL5 HO Eco 45=49W/830 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	830 [CCT of 3000K] 4,900 lm		
Luminous Flux			
Color Designation	Warm White (WW)		
Correlated Color Temperature (Nom)	3000 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				

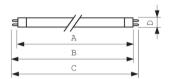
Datasheet, 2023, September 21 data subject to change

MASTER TL5 High Output Eco

Energy Consumption kWh/1000 h	50 kWh			
Product Data				
Order product name	MASTER TL5 HO Eco 45=49W/830 1SL/40			
Full product name	MASTER TL5 HO Eco 45=49W/830 1SL/40			
Full product code	872790090838101			
Order code	927991783033			

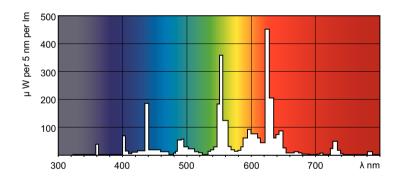
Material Nr. (12NC)	927991783033		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8727900908381		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8718291224792		

Dimensional drawing



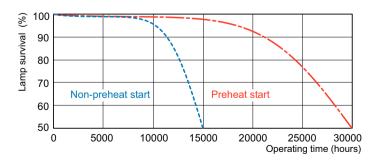
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
45=49W/830 1SL/40					

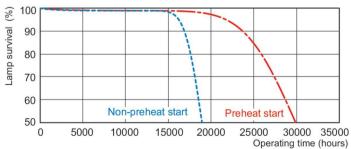
Photometric data



Spectral Power Distribution Colour - MASTER TL5 HO Eco 45=49W/830 1SL/40

Lifetime



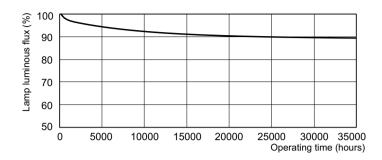


Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/830 1SL/40

Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/830 1SL/40

MASTER TL5 High Output Eco

Lifetime



Lumen Maintenance Diagram - MASTER TL5 HO Eco 45=49W/830 1SL/40



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.