Lighting

PHILIPS

MASTER TL5 High Efficiency Eco

MASTER TL5 HE Eco 32=35W/840 UNP/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HE Eco lamp 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	31.7 W
		Lamp Current (Nom)	0.170 A
Light Technical			
Color Code	840 [CCT of 4000K]	Controls and Dimming	
Luminous Flux	3,150 lm	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)	103 lm/W	Approval and Application	
		Energy Efficiency Class	F







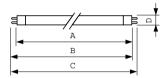
MASTER TL5 High Efficiency Eco

Mercury (Hg) Content (Nom)	1.2 mg			
Energy Consumption kWh/1000 h	32 kWh			
EPREL Registration Number	423471			
Product Data				
Order product name	MASTER TL5 HE Eco 32=35W/840 UNP/40			
Full product name	MASTER TL5 HE Eco 32=35W/840 UNP/40			
Full product code	872790082593000			

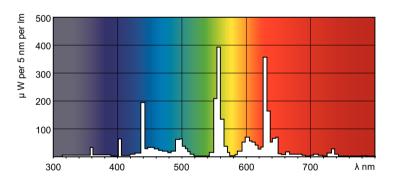
Order code	82593000		
Material Nr. (12NC)	927991184031		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8711500880031		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8727900825930		

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
32=35W/840 UNP/40					



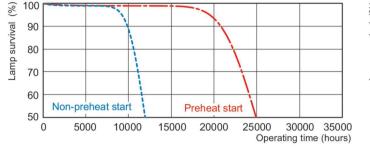
Photometric data

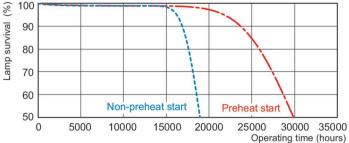


Spectral Power Distribution Colour - MASTER TL5 HE Eco 32=35W/840 UNP/40

MASTER TL5 High Efficiency Eco

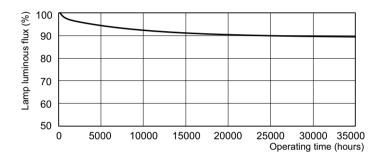
Lifetime





Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40

Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/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.

www.lighting.philips.com 2023, May 1 - data subject to change