

# Lighting

**PHILIPS** 

# MASTER TL5 High Output Eco

# MASTER TL5 HO Eco 50=54W/865 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 colour rendering. Application areas vary from offices and industry to schools and retail environments.

#### Warnings and Safety

- $\boldsymbol{\cdot}$  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		Operating and Electrical	
Cap-Base	G5 [G5]	Power Consumption	48 W
Features	na [Not Applicable]	Lamp Current (Nom)	0.460 A
Light Technical		Controls and Dimming	
Color Code	865 [CCT of 6500K]	Dimmable	Yes
Luminous Flux	4,650 lm		
Color Designation	Cool Daylight	Mechanical and Housing	
Correlated Color Temperature (Nom)	6500 K	Bulb Shape	T5 [16 mm (T5)]
Luminous Efficacy (rated) (Nom)	86 lm/W		
Color rendering index (CRI)	85	Approval and Application	
		Mercury (Hg) Content (Nom)	1.2 mg

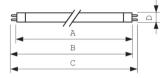
# **MASTER TL5 High Output Eco**

Energy Consumption kWh/1000 h	54 kWh			
Product Data				
Order product name	MASTER TL5 HO Eco 50=54W/865 1SL/40			
Full product name	MASTER TL5 HO Eco 50=54W/865 1SL/40			
Full product code	872790090836701			
Order code	927991286533			

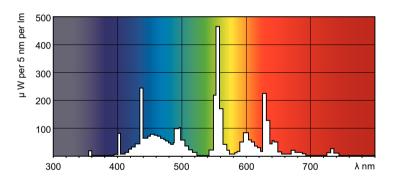
Material Nr. (12NC)	927991286533		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8727900908367		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8718291224785		

## **Dimensional drawing**

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
50=54W/865 1SL/40					

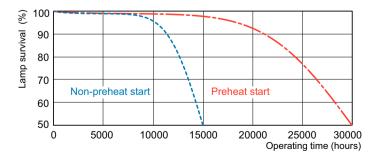


#### Photometric data

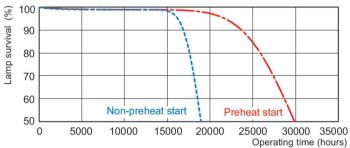


Spectral Power Distribution Colour - MASTER TL5 HO Eco 50=54W/865 1SL/40

#### Lifetime



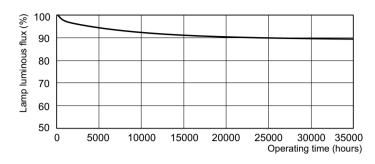




Life Expectancy Diagram - MASTER TL5 HO Eco 50=54W/865 1SL/40

# **MASTER TL5 High Output Eco**

Lifetime



Lumen Maintenance Diagram - MASTER TL5 HO Eco 50=54W/865 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.

www.lighting.philips.com 2023, April 29 - data subject to change