



# MASTER TL5 High Efficiency Eco

## MASTER TL5 HE Eco 13=14W/840 1SL/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 colour 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.
- · 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.
- 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.
- 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	1,350 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	13 W
Lamp Current (Nom)	0.170 A

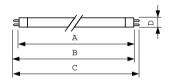
Datasheet, 2023, April 29 data subject to change

# **MASTER TL5 High Efficiency Eco**

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5 [16 mm (T5)]
Approval and Application	
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	14 kWh
Product Data	
Order product name	MASTER TL5 HE Eco 13=14W/840 1SL/40

Full product name	MASTER TL5 HE Eco 13=14W/840 1SL/40
Full product code	872790090806001
Order code	927989884033
Material Nr. (12NC)	927989884033
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900908060
Numerator - Packs per outer box	40
EAN/UPC - Case	8718291224655

## Dimensional drawing

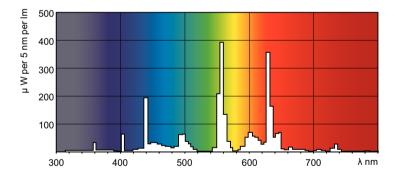


 Product
 D (max)
 A (max)
 B (max)
 B (min)
 C (max)

 MASTER TL5 HE Eco 13=14W/840
 17 mm
 549.0 mm
 556.1 mm
 553.7 mm
 633.2 mm

 1SL/40

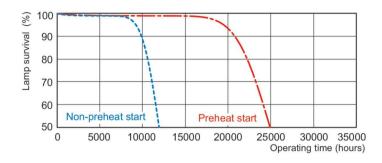
#### Photometric data

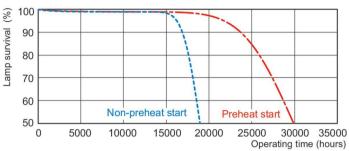


Spectral Power Distribution Colour - MASTER TL5 HE Eco 13=14W/840 1SL/40

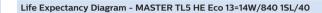
## **MASTER TL5 High Efficiency Eco**

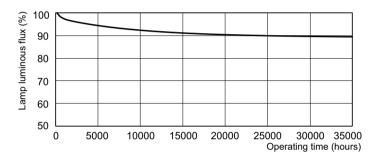
#### Lifetime





Life Expectancy Diagram - MASTER TL5 HE Eco 13=14W/840 1SL/40





Lumen Maintenance Diagram - MASTER TL5 HE Eco 13=14W/840 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.