

# Lighting

**PHILIPS** 

# MASTER TL5 High Output Eco

# MASTER TL5 HO Eco 20=24W/830 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		Operating and Electrical		
Cap-Base	G5	Power Consumption	19.5 W	
Features	na [Not Applicable]	Lamp Current (Nom)	0.300 A	
Light Technical		Controls and Dimming		
Color Code	830 [CCT of 3000K]	Dimmable	Yes	
Luminous Flux	1,950 lm			
Color Designation	Warm White (WW)	Mechanical and Housing		
Correlated Color Temperature (Nom)	3000 K	Bulb Shape	T5	
Luminous Efficacy (rated) (Nom)	85 lm/W			
Color rendering index (CRI)	82	Approval and Application		
		Mercury (Hg) Content (Nom)	1.2 mg	

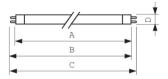
# **MASTER TL5 High Output Eco**

Energy Consumption kWh/1000 h	22 kWh			
Product Data				
Order product name	MASTER TL5 HO Eco 20=24W/830 UNP/40			
Full product name	MASTER TL5 HO Eco 20=24W/830 UNP/40			
Full product code	872790088084700			
Order code	88084700			

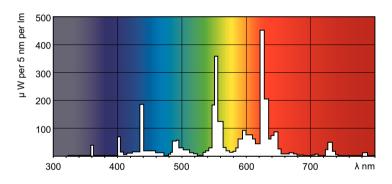
Material Nr. (12NC)	927989983031		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8711500881304		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8727900880847		

#### **Dimensional drawing**

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
20=24W/830 UNP/40					

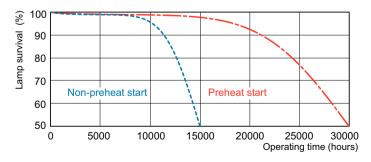


## Photometric data

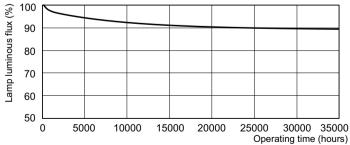


Spectral Power Distribution Colour - MASTER TL5 HO Eco 20=24W/830 UNP/40

## Lifetime



Life Expectancy Diagram - MASTER TL5 HO Eco 20=24W/830 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HO Eco 20=24W/830 UNP/40

# **MASTER TL5 High Output Eco**

Lifetime

Life Expectancy Diagram - MASTER TL5 HO Eco 20=24W/830 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, April 14 - data subject to change