



MASTER TL5 High Output Eco



MASTER TL5 HO Eco 20=24W/840 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 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.
- 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]			
Flux measurement reference	Sphere			
Light Technical				
Colour Code	840 [CCT of 4000K]			
Luminous Flux	1,650 lm			
Colour designation	Cool White (CW)			
Chromaticity Coordinate X (Nom)	0.38			
Chromaticity Coordinate Y (Nom)	0.38			
Correlated Colour Temperature	4000 K			
Luminous efficacy (rated) (nom.)	85 lm/W			

Colour rendering index (CRI)	80			
Operating and Electrical				
Power Consumption	19.3 W			
Lamp current (nom.)	0.300 A			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb shape	T5 [16 mm (T5)]			

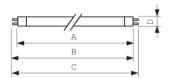
Datasheet, 2023, April 16 data subject to change

MASTER TL5 High Output Eco

Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	20 kWh
EPREL registration number	423466
Product Data	
Order product name	MASTER TL5 HO Eco 20=24W/840 UNP/40
Full product name	MASTER TL5 HO Eco 20=24W/840 UNP/40
Order product name	

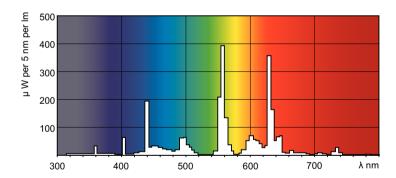
Full EOC	872790088086100			
Order code	88086100			
Material no. (12 NC)	927989984031			
SAP numerator – quantity per pack	1			
EAN/UPC — Product/Case	8711500881311			
Numerator – packs per outer box	40			
EAN/UPC - Case	8727900880861			

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/840 UNP/40					

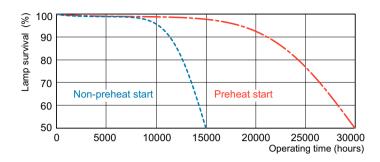
Photometric data

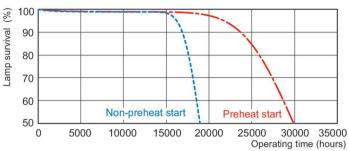


Spectral Power Distribution Colour - MASTER TL5 HO Eco 20=24W/840 UNP/40

MASTER TL5 High Output Eco

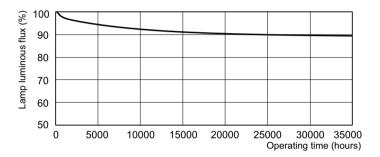
Lifetime





Life Expectancy Diagram - MASTER TL5 HO Eco 20=24W/840 UNP/40

Life Expectancy Diagram - MASTER TL5 HO Eco 20=24W/840 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HO Eco 20=24W/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.