MASTER TL5 High

PHILIPS

Lighting

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 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		
Features	na [Not Applicable]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	19.3 W
		Lamp Current (Nom)	0.300 A
Light Technical			
Color Code	840 [CCT of 4000K]	Controls and Dimming	
Luminous Flux	1,650 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
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	85 lm/W		







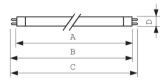
MASTER TL5 High Output Eco

Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) Content (Nom)	1.2 mg			
Energy Consumption kWh/1000 h	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			

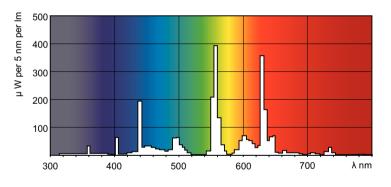
Full product code	872790088086100		
Order code	927989984031		
Material Nr. (12NC)	927989984031		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8711500881311		
Numerator - Packs per outer box	40		
EAN/UPC - Case	8727900880861		

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					



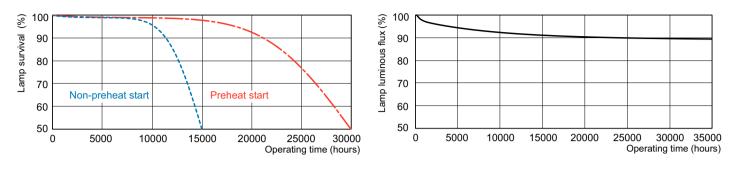
Photometric data



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

Lumen Maintenance Diagram - MASTER TL5 HO Eco 20=24W/840 UNP/40

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www.lighting.philips.com 2024, February 9 - data subject to change