



MASTER TL5 High Output Eco



MASTER TL5 HO Eco 50=54W/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] 4,400 lm Cool White (CW)		
Luminous Flux			
Colour designation			
Chromaticity Coordinate X (Nom)	0.38		
Chromaticity Coordinate Y (Nom)	0.38		
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	93 lm/W		

Colour rendering index (CRI)	80		
Operating and Electrical			
Power Consumption	49.3 W		
Lamp current (nom.)	0.460 A		
Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Bulb shape	T5 [16 mm (T5)]		

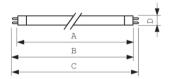
Datasheet, 2023, April 16 data subject to change

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Approval and Application				
Energy Efficiency Class	G			
Mercury (Hg) content (nom.)	1.2 mg			
Energy consumption kWh/1,000 hours	50 kWh			
EPREL registration number	423473			
Product Data				
Order product name	MASTER TL5 HO Eco 50=54W/840 UNP/40			
Full product name	MASTER TL5 HO Eco 50=54W/840 UNP/40			

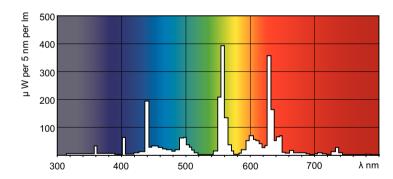
Full EOC	872790082591600 82591600		
Order code			
Material no. (12 NC)	927991284031		
SAP numerator – quantity per pack	1 8711500880055		
EAN/UPC — Product/Case			
Numerator – packs per outer box	40		
EAN/UPC - Case	8727900825916		

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
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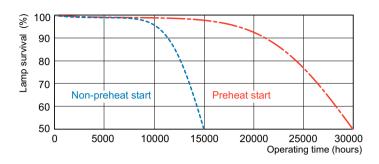
Photometric data

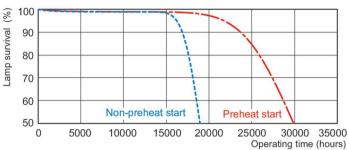


Spectral Power Distribution Colour - MASTER TL5 HO Eco 50=54W/840 UNP/40

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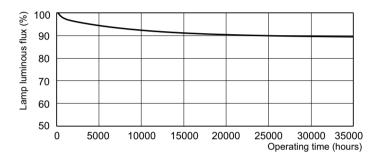
Lifetime





Life Expectancy Diagram - MASTER TL5 HO Eco 50=54W/840 UNP/40





Lumen Maintenance Diagram - MASTER TL5 HO Eco 50=54W/840 UNP/40



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