



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		Colour rendering index (CRI)	
Cap base	G5 [G5]	80	
Features	na [Not Applicable]	Operating and Electrical	
Flux measurement reference	Sphere	Power Consumption	49.3 W
		Lamp current (nom.)	0.460 A
Light Technical		Controls and Dimming	
Colour Code	840 [CCT of 4000K]	Dimmable	Yes
Luminous Flux	4,400 lm	Mechanical and Housing	
Colour designation	Cool White (CW)	Bulb shape	T5 [16 mm (T5)]
Chromaticity Coordinate X (Nom)	0.38		
Chromaticity Coordinate Y (Nom)	0.38		
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	93 lm/W		

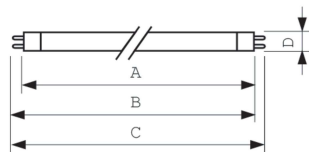
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Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	50 kWh
EPREL registration number	423473

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

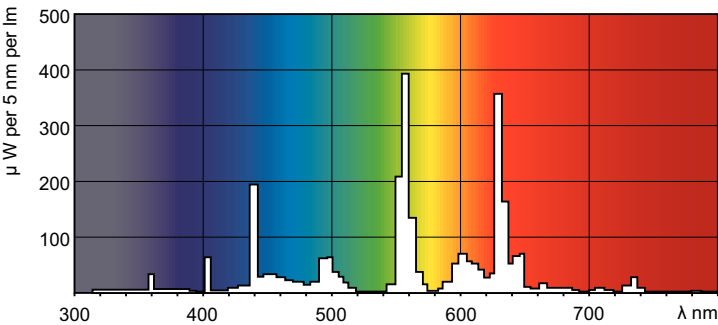
Full EOC	872790082591600
Order code	82591600
Material no. (12 NC)	927991284031
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500880055
Numerator – packs per outer box	40
EAN/UPC – Case	8727900825916

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco 50=54W/840 UNP/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

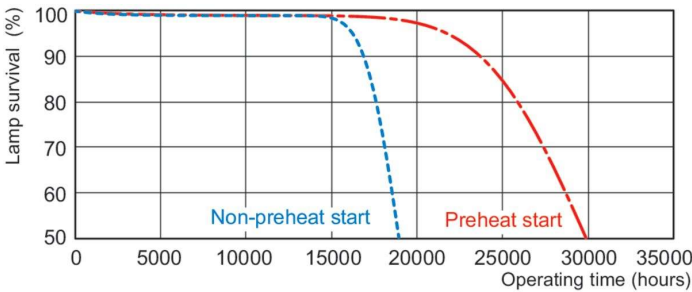
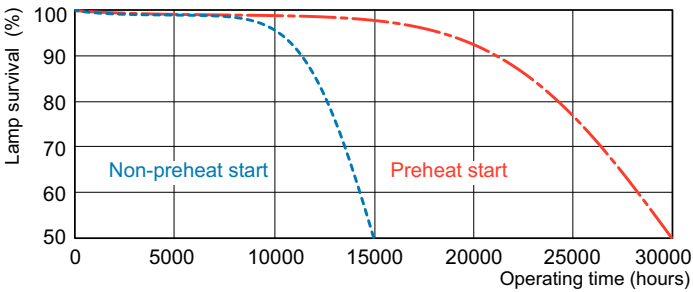
Photometric data



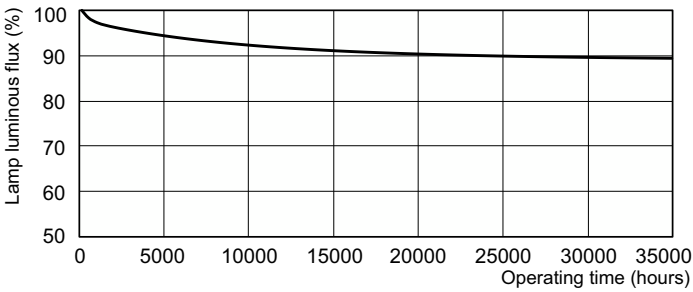
Spectral Power Distribution Colour – MASTER TL5 HO Eco 50=54W/840 UNP/40

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Lifetime



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



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

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

