



MASTER TL5 High Efficiency Eco



MASTER TL5 HE Eco 32=35W/840 UNP/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HE Eco lamp offers excellent lumen maintenance and colour rendering. Application areas vary from offices and industry to schools and retail environments.

Warnings and Safety

- \cdot 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	3,150 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.)	103 lm/W

Colour rendering index (CRI)	80
Operating and Electrical	
Power Consumption	31.7 W
Lamp current (nom.)	0.170 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T5 [16 mm (T5)]
Approval and Application	-
Energy Efficiency Class	F

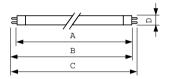
Datasheet, 2023, April 29 data subject to change

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Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	32 kWh
EPREL registration number	423471
Product Data	
Order product name	MASTER TL5 HE Eco 32=35W/840 UNP/40
Full product name	MASTER TL5 HE Eco 32=35W/840 UNP/40
Full EOC	872790082593000

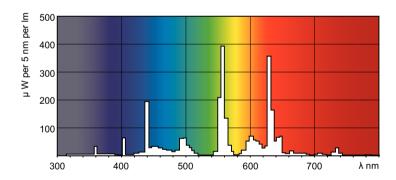
Order code	82593000
Material no. (12 NC)	927991184031
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500880031
Numerator – packs per outer box	40
EAN/UPC - Case	8727900825930

Dimensional drawing



Product D (max) A (max) B (max) B (min) C (max) MASTER TL5 HE Eco 17 mm 1,449.0 mm 1,456.1 mm 1,453.7 mm 1,463.2 mm 32=35W/840 UNP/40 17 mm 1,455.1 mm 1,453.7 mm 1,463.2 mm

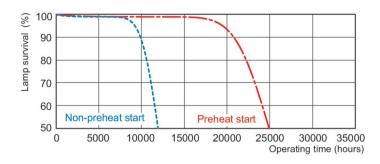
Photometric data

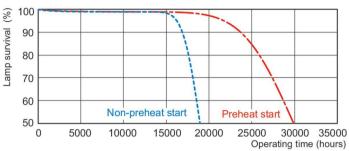


Spectral Power Distribution Colour - MASTER TL5 HE Eco 32=35W/840 UNP/40

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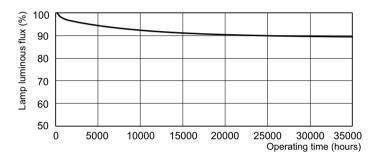
Lifetime





Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40





Lumen Maintenance Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40



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