



MASTER TL5 High Output Eco



MASTER TL5 HO Eco 45=49W/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	
Cap-Base	G5
Features	na [Not Applicable]
Flux measurement reference	Sphere
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	4,225 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	92 lm/W

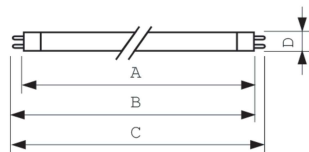
Color rendering index (CRI)	80
Operating and Electrical	
Power Consumption	45.4 W
Lamp Current (Nom)	0.260 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5

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Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	46 kWh
EPREL Registration Number	423477
Product Data	
Order product name	MASTER TL5 HO Eco 45=49W/840 UNP/40
Full product name	MASTER TL5 HO Eco 45=49W/840 UNP/40

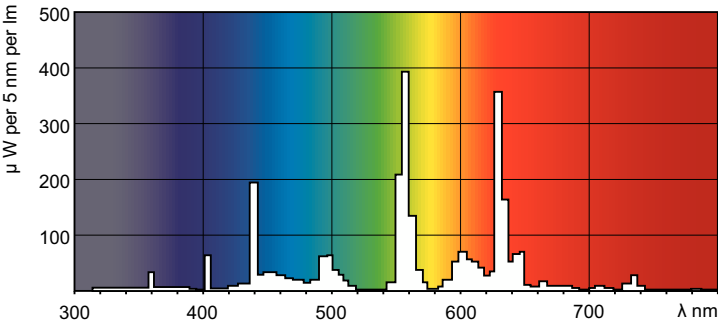
Full product code	872790082595400
Order code	927991784031
Material Nr. (12NC)	927991784031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500880079
Numerator - Packs per outer box	40
EAN/UPC - Case	8727900825954

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco 45=49W/840 UNP/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

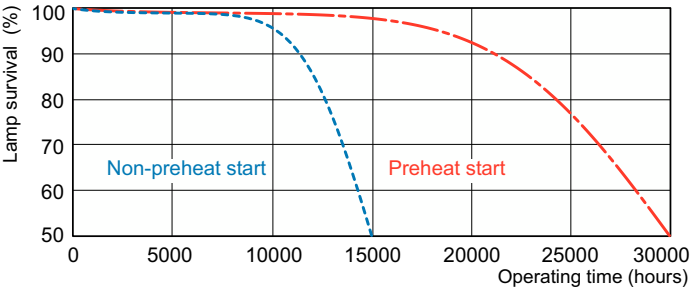
Photometric data



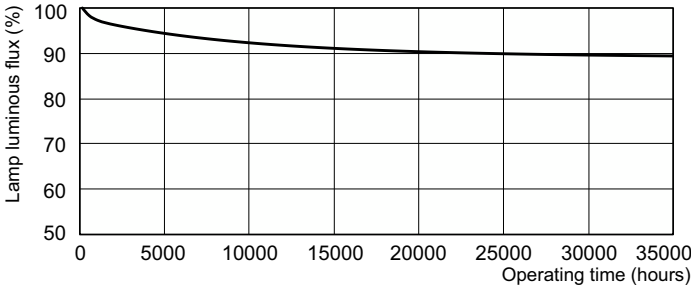
Spectral Power Distribution Colour - MASTER TL5 HO Eco 45=49W/840 UNP/40

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Lifetime



Life Expectancy Diagram - MASTER TL5 HO Eco 45=49W/840 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HO Eco 45=49W/840 UNP/40

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