



MASTER TL5 High Efficiency Eco



MASTER TL5 HE Eco 13=14W/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

- 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	
Colour Code	840 [CCT of 4000K]
Luminous Flux	1,150 lm
Colour designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	92 lm/W

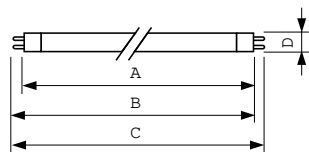
Colour rendering index (CRI)	80
Operating and Electrical	
Power Consumption	12.5 W
Lamp current (nom.)	0.170 A
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T5
Net Weight (Piece)	52.000 g

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Approval and Application	
Energy Efficiency Class	F
Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	13 kWh
EPREL Registration Number	423463
Product Data	
Order product name	MASTER TL5 HE Eco 13=14W/840 UNP/40
Full product name	MASTER TL5 HE Eco 13=14W/840 UNP/40
Full EOC	872790088083000

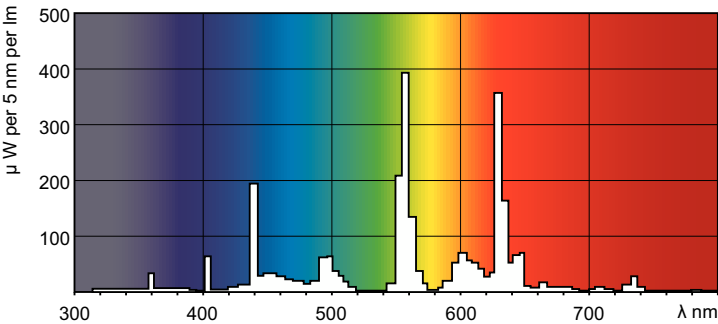
Order code	88083000
Material no. (12 NC)	927989884031
Local order code	13840TL5ECO
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8711500881298
Numerator – packs per outer box	40
EAN/UPC – Case	8727900880830

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Eco 13=14W/840 UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

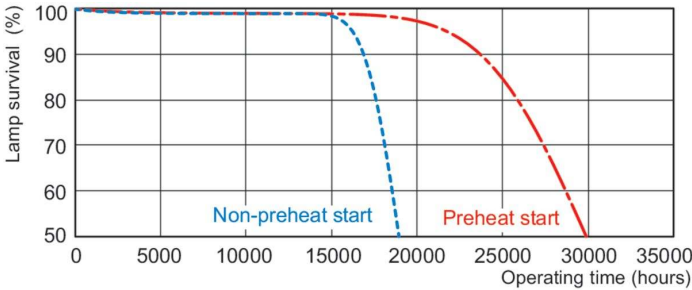
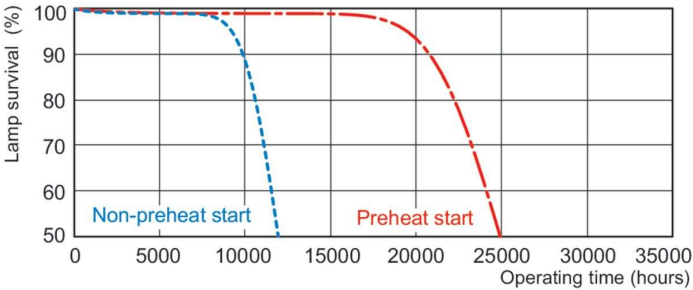
Photometric data



Spectral Power Distribution Colour – MASTER TL5 HE Eco 13=14W/840 UNP/40

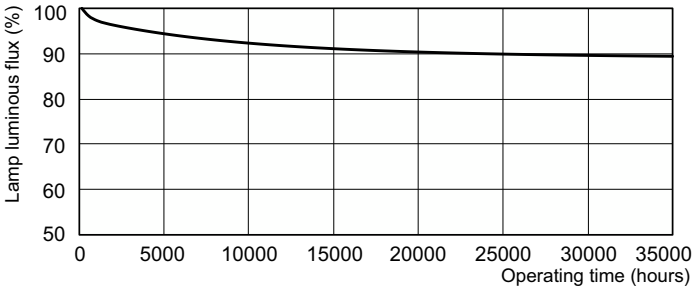
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Lifetime



Life expectancy diagram - 3 hour cycle

Life expectancy diagram - 12 hour cycle



Lumen Maintenance Diagram - MASTER TL5 HE Eco 13=14W/840 UNP/40

