PHILIPS

Lighting

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 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	1,150 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	12.5 W
Lamp Current (Nom)	0.170 A

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Shape	T5

Approval and Application	
Energy Efficiency Class	F

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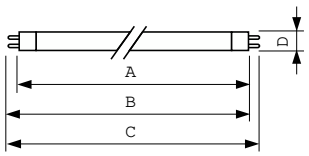
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	423463

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 product code	872790088083000

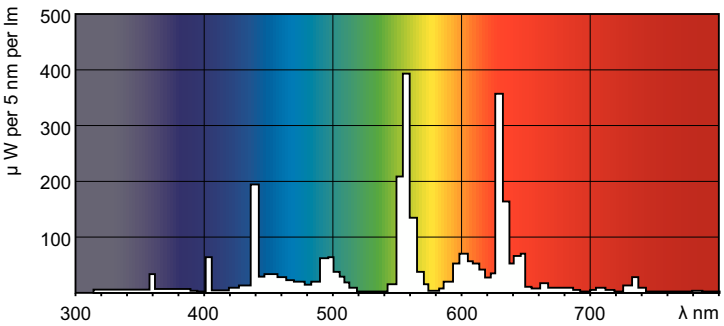
Order code	88083000
Material Nr. (12NC)	927989884031
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500881298
Numerator - Packs per outer box	40
EAN/UPC - Case	8727900880830

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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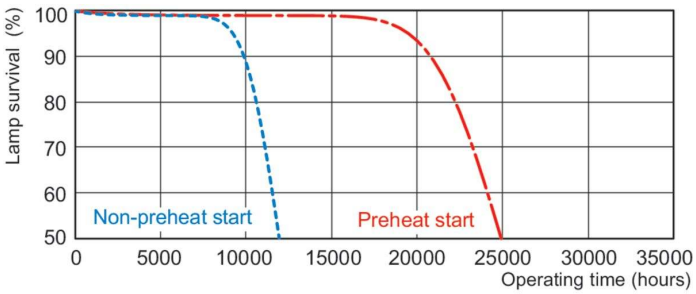
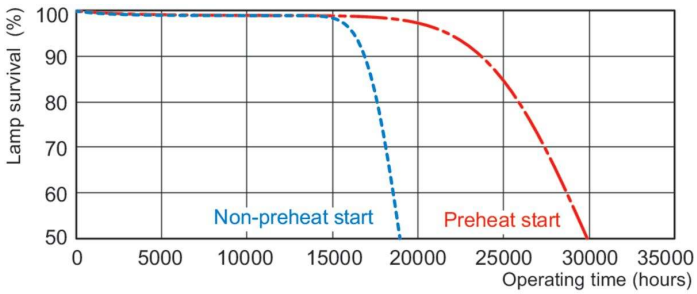
Lifetime



Life Expectancy Diagram - MASTER TL5 HE Eco 13=14W/840 UNP/40



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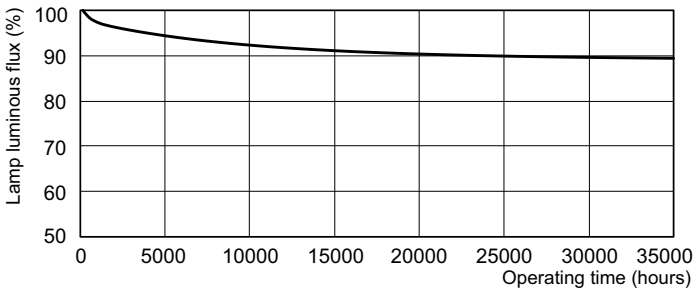

Lumen Maintenance Diagram - MASTER TL5 HE Eco 13=14W/840 UNP/40

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