

Lighting

PHILIPS

MASTER TL5 High Output Eco

MASTER TL5 HO Eco 73=80W/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

neral Information		Luminous flux (nom.)	7000 lm
Cap base	G5 [G5]	Luminous flux (rated) (nom.)	6550 lm
ife to 50% failures preheat (nom.)	30000 h	Colour designation	Cool White (CW)
eatures	na [Not Applicable]	Luminous Efficacy (@ Max Lumen, Rated)	95 lm/W
SF preheat 2,000 hours rated	99 %	(Nom)	
SF preheat 4,000 hours rated	99 %	Correlated Colour Temperature (Nom)	4000 K
SF preheat 6,000 hours rated	99 %	Luminous efficacy (rated) (nom.)	89 lm/W
SF preheat 8,000 hours rated	99 %	Color rendering index (max.)	85
SF preheat 16,000 hours rated	99 %	Colour-rendering index (min.)	80
SF preheat 20,000 hours rated	94 %	Colour rendering index (nom.)	82
		LLMF 2000 h Rated	96 %
ight Technical		LLMF 4000 h Rated	95 %
Colour Code	840 [CCT of 4,000 K]	LLMF 6000 h Rated	94 %

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LLMF 8000 h Rated	93 %			
LLMF 12000 h Rated	92 %			
LLMF 16000 h Rated	91 %			
LLMF 20000 h Rated	90 %			
Operating and Electrical				
Power (Rated) (Nom)	73.3 W			
Lamp current (nom.)	0.550 A			
Temperature				
Design temperature (nom.)	35 °C			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb shape	T5 [16 mm (T5)]			

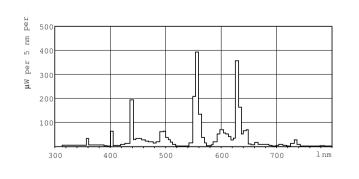
Approval and Application				
Mercury (Hg) content (nom.)	1.4 mg			
Energy consumption kWh/1,000 hours	80 kWh			
Product Data				
Full product code	872790082597800			
Order product name	MASTER TL5 HO Eco 73=80W/840			
	UNP/40			
EAN/UPC – product	8711500880093			
Order code	82597800			
Local order code	73840TL5ECO			
SAP numerator – quantity per pack	1			
Numerator – packs per outer box	40			
SAP material	927991884031			
SAP net weight (piece)	127.400 g			
ILCOS code	FDH-73/40/1B-L/P-G5-16/1450			

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Eco	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm
73=80W/840 UNP/40					

TL5 HO Eco 73=80W/840

Photometric data



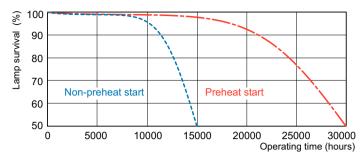


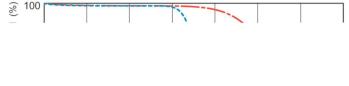
500 400 200 100 300 400 500 600 700 λ nm

Lightcolour /840

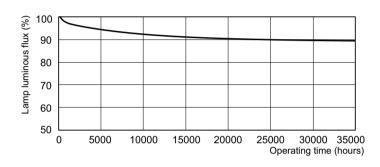
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Lifetime





LDLE_TL5ECO_0002-Life expectancy diagram



LDLM_TL5ECO_0001-Lumen maintenance diagram

LDLE_TL5ECO_0001-Life expectancy diagram



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