

MASTER TL5 High Output

MASTER TL5 HO 54W/840 UNP/40

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO 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 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]	Luminous flux (rated) (nom.)	4500 lm
Life to 50% failures preheat (nom.)	30000 h	Colour designation	Cool White (CW)
Features	na [Not Applicable]	Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W
System description	High Output (HO)	Chromaticity coordinate X (nom.)	0.38
LSF preheat 2,000 hours rated	99 %	Chromaticity coordinate Y (nom.)	0.38
LSF preheat 4,000 hours rated	99 %	Correlated Colour Temperature (Nom)	4000 K
LSF preheat 6,000 hours rated	99 %	Luminous efficacy (rated) (nom.)	83 lm/W
LSF preheat 8,000 hours rated	99 %	Color rendering index (max.)	85
LSF preheat 16,000 hours rated	97 %	Colour-rendering index (min.)	80
LSF preheat 20,000 hours rated	84 %	Colour rendering index (nom.)	80
	Sphere	LLMF 2000 h Rated	96 %
		LLMF 4000 h Rated	95 %
		LLMF 6000 h Rated	94 %
		LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
Light technical			
Colour Code	841 [CCT of 4100K (841)]		
Luminous flux (nom.)	4500 lm		

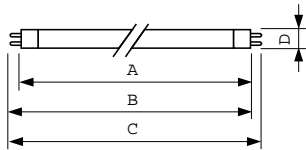
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LLMF 20000 h Rated	90 %
Operating and electrical	
Power (Rated) (Nom)	54.4 W
Lamp current (nom.)	0.455 A
Temperature	
Design temperature (nom.)	35 °C
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Cap-base information	Green Plate
Bulb shape	T5 [16 mm (T5)]
Approval and application	
Energy Efficiency Class	G

Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	55 kWh
	423563
Product data	
Full product code	871150063740655
Order product name	MASTER TL5 HO 54W/840 UNP/40
EAN/UPC – product	8711500637406
Order code	63740655
SAP numerator – quantity per pack	1
Local code description	8343231
Numerator – packs per outer box	40
SAP material	927929084018
Net Weight (Piece)	105.800 g
ILCOS code	FDH-54/40/1B-L/P-G5-16/1150

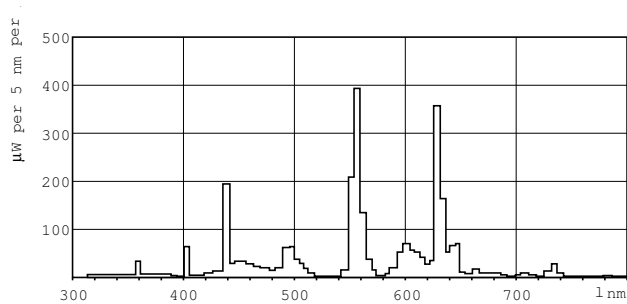
Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 54W/840 UNP/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

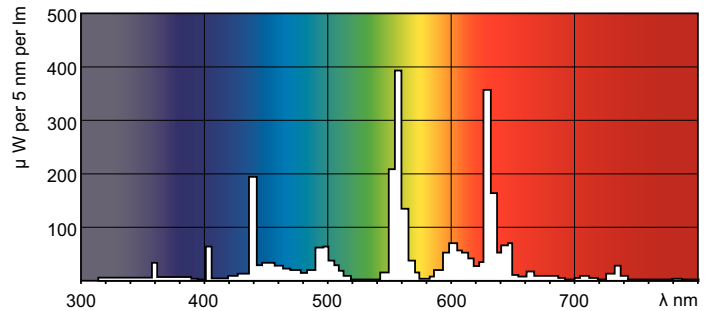


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Photometric data



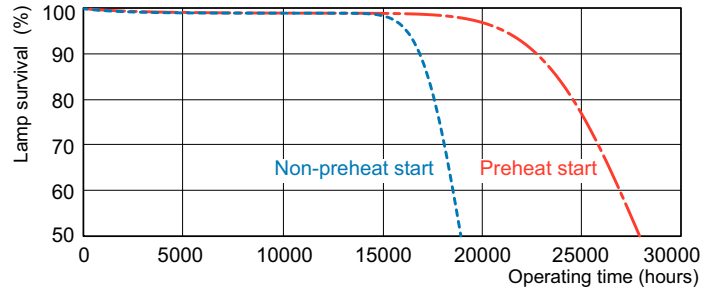
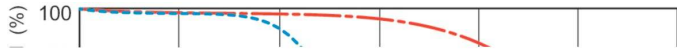
LDPB_TL5-HO8_840-Spectral power distribution B/W



Lightcolour /840

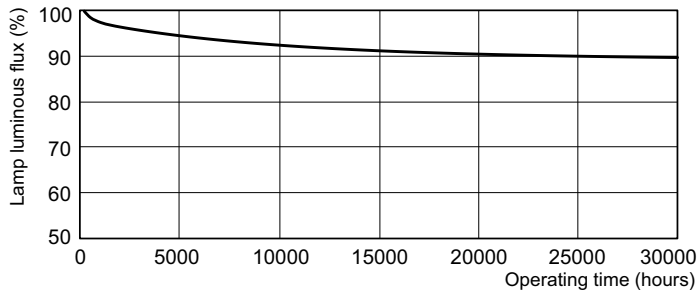
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

