



MASTER TL5 High Output

MASTER TL5 HO 49W/840 1SL/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

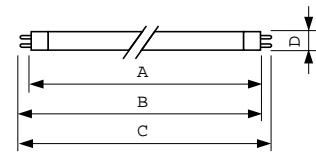
General information	
Cap base	G5 [G5]
Life to 50% failures preheat (nom.)	30000 h
Features	na [Not Applicable]
System description	High Output (HO)
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	99 %
LSF preheat 6,000 hours rated	99 %
LSF preheat 8,000 hours rated	99 %
LSF preheat 16,000 hours rated	97 %
LSF preheat 20,000 hours rated	84 %
	Sphere
Light technical	
Colour Code	841 [CCT of 4100K (841)]
Luminous flux (nom.)	4375 lm
Luminous flux (rated) (nom.)	4375 lm
Colour designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W
Chromaticity coordinate X (nom.)	0.38
Chromaticity coordinate Y (nom.)	0.38
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	89 lm/W
Color rendering index (max.)	85
Colour-rendering index (min.)	80
Colour rendering index (nom.)	80
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	90 %

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LLMF 20000 h Rated	90 %
Operating and electrical	
Power (Rated) (Nom)	49.3 W
Lamp current (nom.)	0.255 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	50 kWh
	423548
Product data	
Full product code	871150063956155
Order product name	MASTER TL5 HO 49W/840 SLV/40
EAN/UPC – product	8711500639561
Order code	63956155
SAP numerator – quantity per pack	1
Local code description	4927584
Numerator – packs per outer box	40
SAP material	927927584055
Net Weight (Piece)	128.700 g
ILCOS code	FDH-49/40/1B-L/P-G5-16/1450

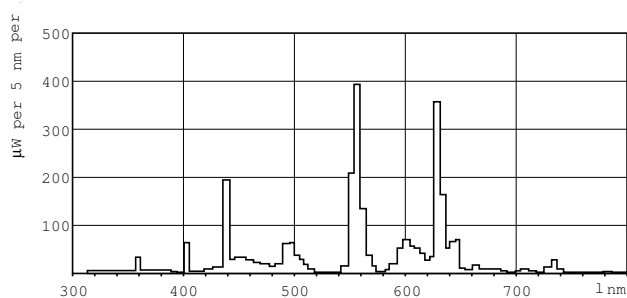
Dimensional drawing



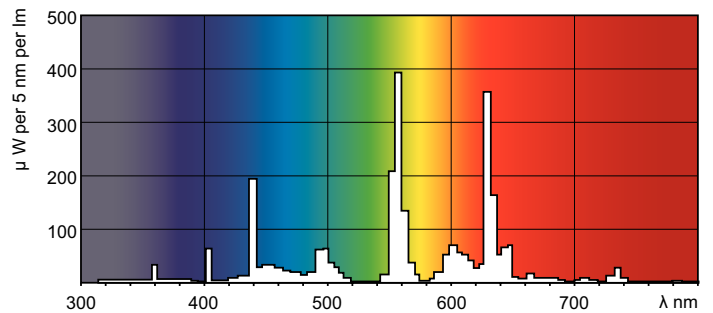
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 49W/840 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

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Photometric data



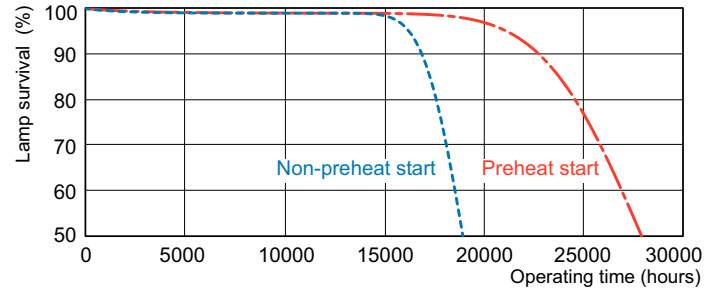
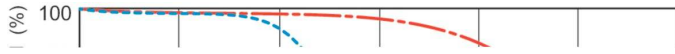
LDPB_TL5-HO8_840-Spectral power distribution B/W



Lightcolour /840

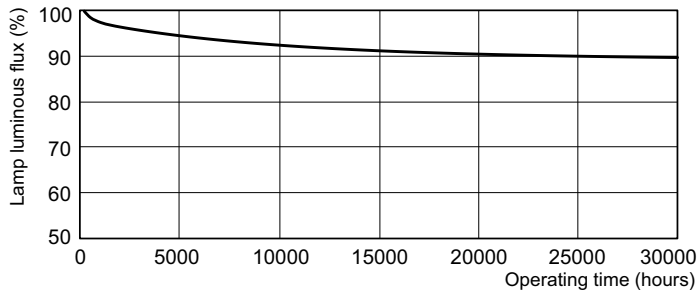
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

