



MASTER TL5 High Output

MASTER TL5 HO 49W/840 SLV/20

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		Color Designation	
Cap-Base	G5 [G5]	Cool White (CW)	
Life to 50% Failures Preheat (Nom)	30000 h	Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W
Features	na [Not Applicable]	Correlated Color Temperature (Nom)	4000 K
System Description	High Output	Luminous Efficacy (rated) (Nom)	89 lm/W
LSF Preheat 2000 h Rated	99 %	Color Rendering Index (Max)	85
LSF Preheat 4000 h Rated	99 %	Color Rendering Index (Min)	80
LSF Preheat 6000 h Rated	99 %	Color Rendering Index (Nom)	82
LSF Preheat 8000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 16000 h Rated	97 %	LLMF 4000 h Rated	95 %
LSF Preheat 20000 h Rated	84 %	LLMF 6000 h Rated	94 %
Light Technical		LLMF 8000 h Rated	93 %
Color Code	840 [CCT of 4000K]	LLMF 12000 h Rated	92 %
Luminous Flux (Nom)	4900 lm	LLMF 16000 h Rated	90 %
Luminous Flux (Rated) (Nom)	4375 lm	LLMF 20000 h Rated	90 %

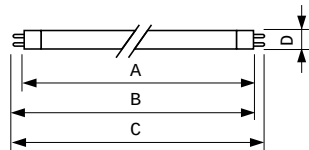


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Operating and Electrical	
Power (Nom)	49.2 W
Lamp Current (Nom)	0.255 A
Temperature	
Design Temperature (Nom)	35 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
Bulb Shape	T5 [16 mm (T5)]
Approval and Application	
Energy Efficiency Label (EEL)	A+

Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	54 kWh
Product Data	
Full product code	871150063956105
Order product name	MASTER TL5 HO 49W/840 SLV/20
EAN/UPC - Product	8711500639561
Order code	927927584061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927927584061
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-49/40/1B-L/P-G5-16/1450

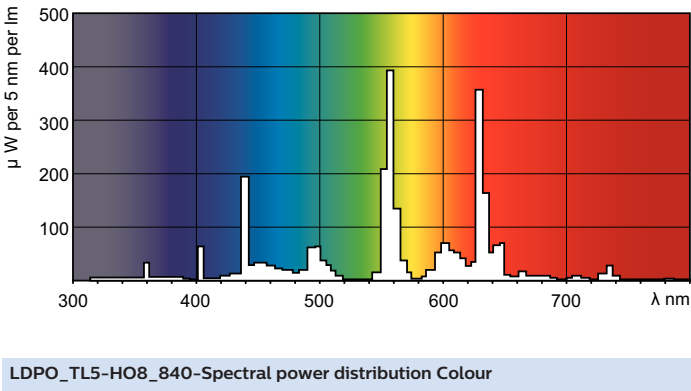
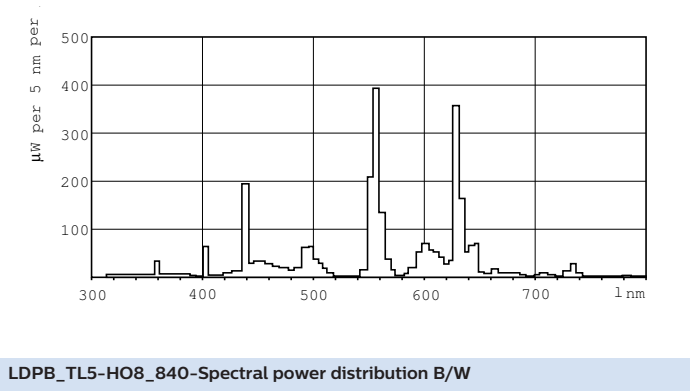
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 49W/840 SLV/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

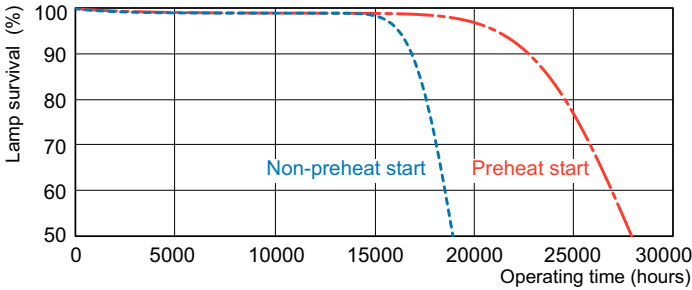
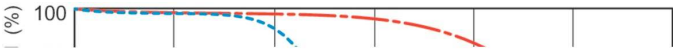
TL5 HO 49W/840

Photometric data

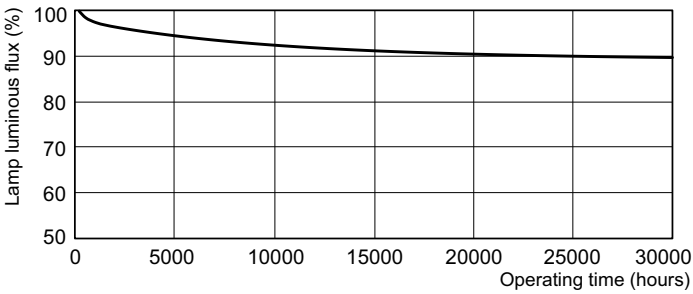


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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram



LDLE_TL5-HO8_0002-Life expectancy diagram

LDLM_TL5-HO8_0001-Lumen maintenance diagram

