



MASTER TL5 High Output



MASTER TL5 HO 80W/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	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	30000 h
Features	HO Alto® [High Output Alto]
System Description	High Output
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %
Light technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	7000 lm
Luminous Flux (Rated) (Nom)	6550 lm

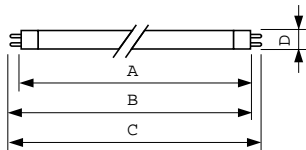
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

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Operating and electrical	
Power (Nom)	79.8 W
Lamp Current (Nom)	0.530 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/1000 h	88 kWh
EPREL Registration Number	423571
Product data	
Full product code	871150071045105
Order product name	MASTER TL5 HO 80W/840 SLV/20
EAN/UPC - Product	8711500710451
Order code	927929584061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927929584061
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

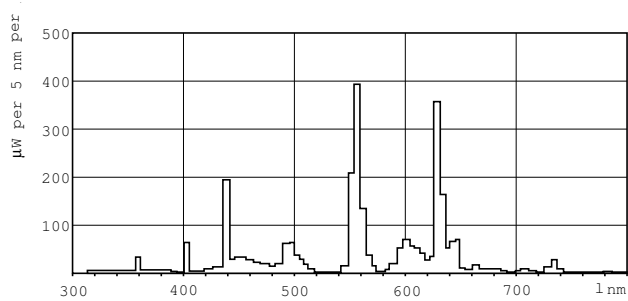
Dimensional drawing



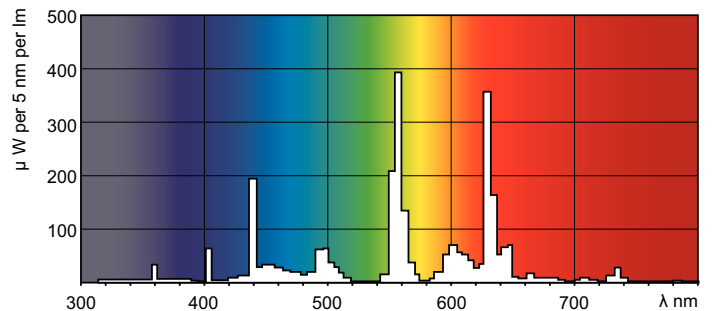
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/840 SLV/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

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Photometric data



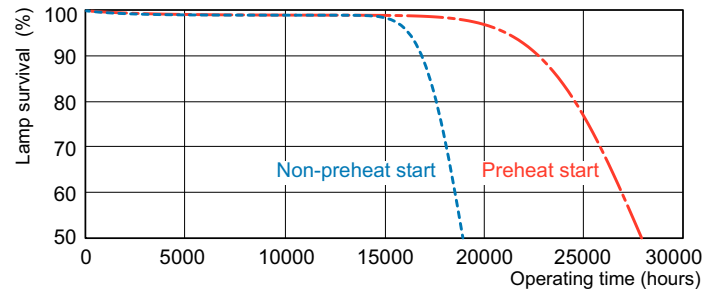
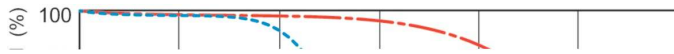
LDPB_TL5-HO8_840-Spectral power distribution B/W



LDPO_TL5-HO8_840-Spectral power distribution Colour

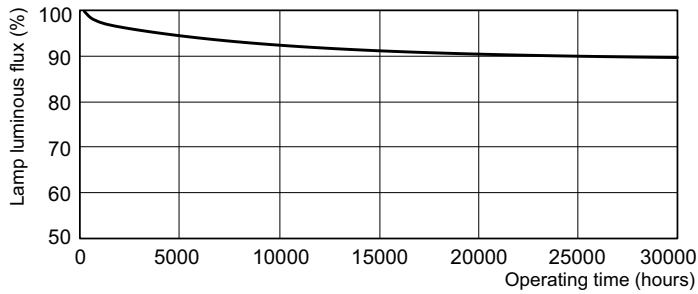
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

