



# 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

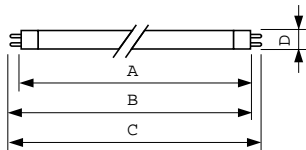
General Information		Color Designation	
Cap-Base	G5 [ G5]		Cool White (CW)
Life to 50% Failures Preheat (Nom)	30000 h	Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W
Features	HO Alto® [ High Output Alto]	Correlated Color Temperature (Nom)	4000 K
System Description	High Output	Luminous Efficacy (rated) (Nom)	82 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 %
		LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical			
Color Code	840 [ CCT of 4000K]		
Luminous Flux (Nom)	7000 lm		
Luminous Flux (Rated) (Nom)	6550 lm		

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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	
Mercury (Hg) Content (Nom)	1.4 mg

Energy Consumption kWh/1000 h	88 kWh
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

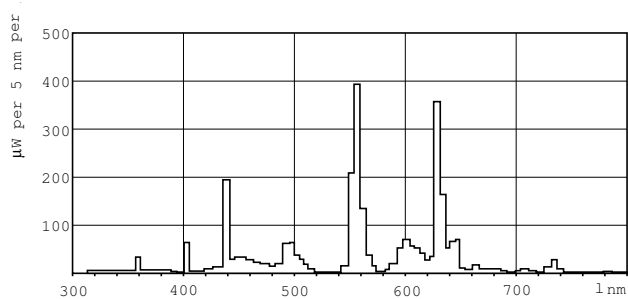
## Dimensional drawing



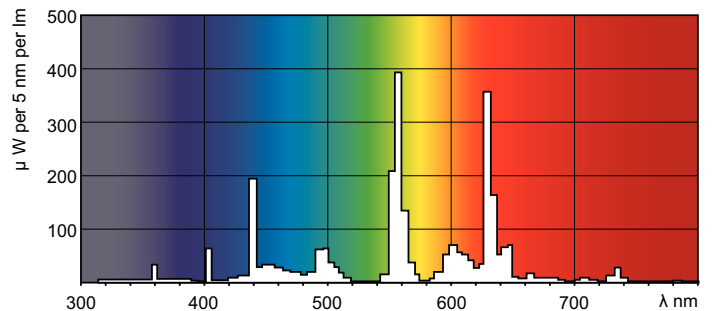
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/840 SLV/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## TL5 HO 80W/840

## Photometric data



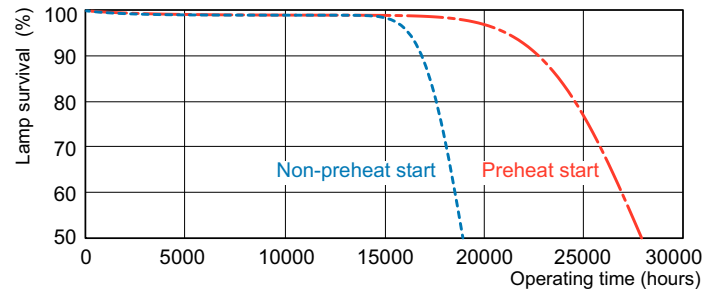
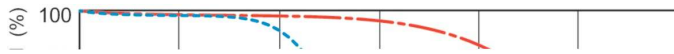
LDPB\_TL5-HO8\_840-Spectral power distribution B/W



LDPO\_TL5-HO8\_840-Spectral power distribution Colour

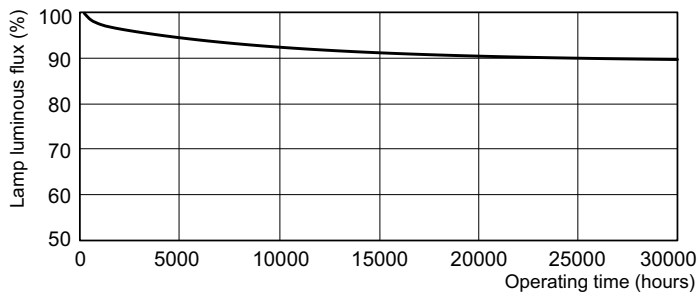
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## Lifetime



LDLE\_TL5-HO8\_0001-Life expectancy diagram

LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

