



# MASTER TL5 High Output

## MASTER TL5 HO 49W/830 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.

### Product data

General Information		
Cap-Base	G5 [ G5]	
Life to 50% Failures Preheat (Nom)	30000 h	
Features	na [ Not Applicable]	
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 %	
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 %
Light Technical		
Color Code	830 [ CCT of 3000K]	
Luminous Flux (Nom)	4900 lm	
Luminous Flux (Rated) (Nom)	4375 lm	
Color Designation	Warm White (WW)	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	89 lm/W	
Operating and Electrical		
Power (Nom)	49.2 W	
Lamp Current (Nom)	0.255 A	
Temperature		
Design Temperature (Nom)	35 °C	

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## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Cap-Base Information	Green Plate
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## Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	54 kWh

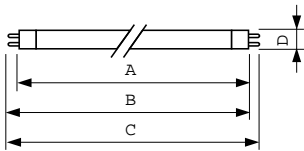
## Product Data

Full product code	871150063954705
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Order product name	MASTER TL5 HO 49W/830 SLV/20
EAN/UPC - Product	8711500639547
Order code	927927583061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927927583061
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-49/30/1B-L/P-G5-16/1450

## Warnings and Safety

### Dimensional drawing

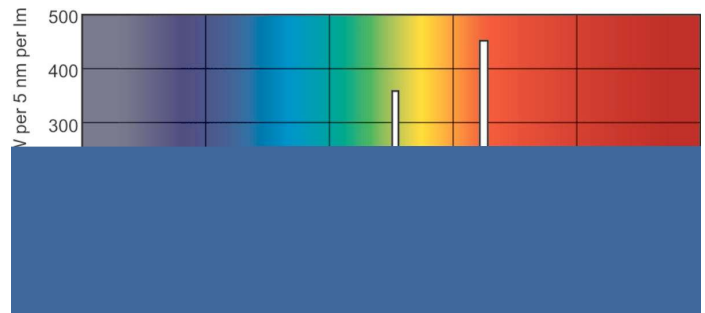
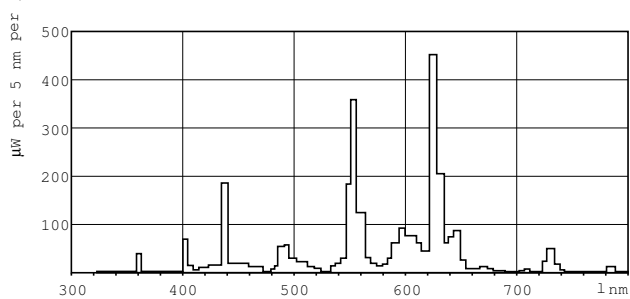


### Product

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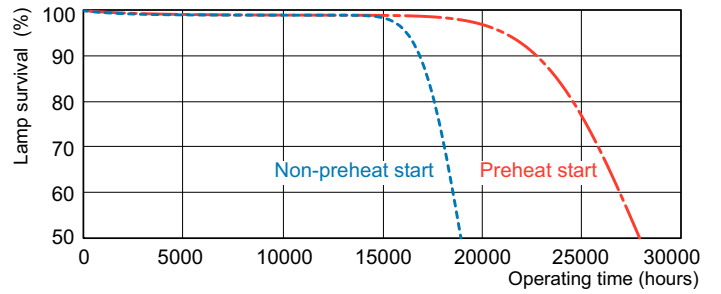
## Photometric data



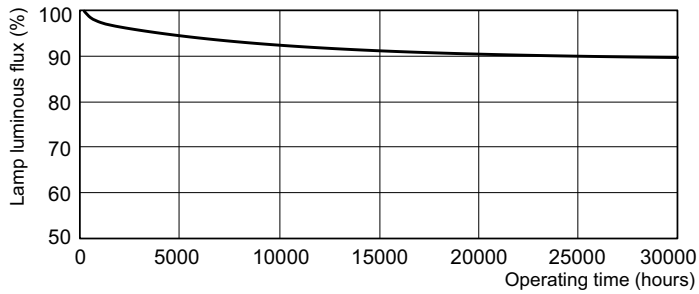
### LDPB\_TL5-HO8\_830-Spectral power distribution B/W

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## Lifetime



LDLE\_TL5-HO8\_0002-Life expectancy diagram



LDLM\_TL5-HO8\_0001-Lumen maintenance diagram

