



# 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.

#### **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 %
Light Technical	
Color Code	840 [ CCT of 4000K]
Luminous Flux (Nom)	4900 lm
Luminous Flux (Rated) (Nom)	4375 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	89 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	90 %
LLMF 20000 h Rated	90 %
Operating and Electrical	
Power (Nom)	49.2 W
Lamp Current (Nom)	0.255 A
Temperature	
Design Temperature (Nom)	35 ℃

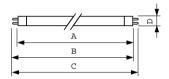
Datasheet, 2020, March 19 data subject to change

## **MASTER TL5 High Output**

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
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

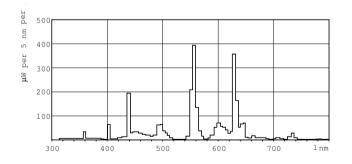


#### Product

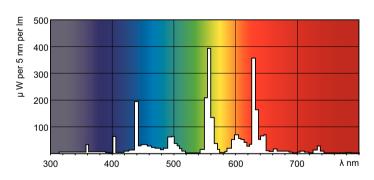
MASTER TL5 HO 49W/840 SLV/20

#### TL5 HO 49W/840

#### Photometric data



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

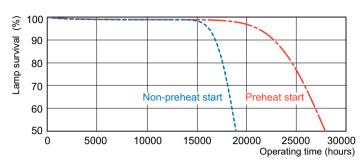


LDPO\_TL5-HO8\_840-Spectral power distribution Colour

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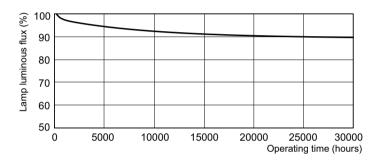
#### Lifetime





#### LDLE\_TL5-HO8\_0001-Life expectancy diagram





LDLM\_TL5-HO8\_0001-Lumen maintenance diagram



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