



# MASTER TL5 High Output

## **MASTER TL5 HO 49W/840 UNP/40**

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

#### **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

General Information			
Cap-Base	G5 [ G5]		
Life to 50% Failures Preheat (Nom)	30000 h		
Features	na [ Not Applicable]		
System Description	High Output (HO)		
LSF Preheat 2000 h Rated	99 %		
LSF Preheat 4000 h Rated	99 %		
LSF Preheat 6000 h Rated	0 h Rated 99 %		
LSF Preheat 8000 h Rated	99 %		
LSF Preheat 16000 h Rated	97 %		
LSF Preheat 20000 h Rated	84 %		
Light Technical			
Colour Code	840 [ CCT of 4000K]		
Luminous Flux (Nom)	4900 lm		
Luminous Flux (Rated) (Nom)	4375 lm		
Colour Designation	Cool White (CW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W		
Colour Temperature, horizontal (Nom)	4000 K		

Luminous Efficacy (rated) (Nom)	89 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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 (Rated) (Nom)	49.2 W
Lamp Current (Nom)	0.255 A
Temperature	
Design Temperature (Nom)	35 °C

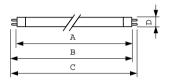
Datasheet, 2020, October 15 data subject to change

# **MASTER TL5 High Output**

Controls and Dimming			
Dimmable	Yes		
Mechanical and Housing			
Cap-Base Information	Green Plate		
Approval and Application			
Energy Efficiency Label	A+		
Mercury (Hg) Content (Nom)	1.4 mg		
Energy Consumption kWh/1000 h	54 kWh		
Product Data			
Full product code	871150063758155		

Order product name	MASTER TL5 HO 49W/840 UNP/40
EAN/UPC - Product	8711500637581
Order code	63758155
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927927584018
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-49/40/1B-L/P-G5-16/1450

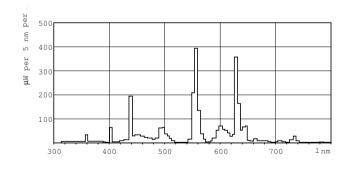
## Dimensional drawing

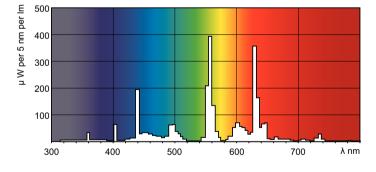


Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm
49W/840 UNP/40					

## TL5 HO 49W/840

## Photometric data





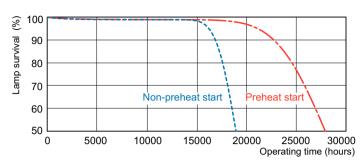
Lightcolour /840

Lightcolour /840

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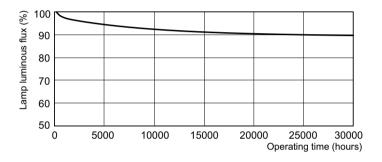
#### Lifetime





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





LDLM\_TL5-HO8\_0001-Lumen maintenance diagram



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