

# MASTER TL5 High Output

## MASTER TL5 HO 49W/830 UNP/40

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	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
Chromaticity Coordinate X (Nom)	440

Chromaticity Coordinate Y (Nom)	403
Correlated Color Temperature (Nom)	3000 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	91 %
LLMF 20000 h Rated	90 %

Operating and Electrical	
Power (Rated) (Nom)	49.2 W
Lamp Current (Nom)	0.255 A

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## 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

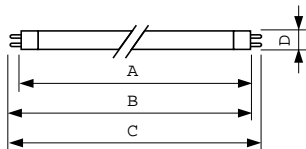
## Product Data

Full product code	871150063752955
Order product name	MASTER TL5 HO 49W/830 UNP/40
EAN/UPC - Product	8711500637529
Order code	927927583018
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927927583018
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-49/30/1B-L/P-G5-16/1450

## 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.

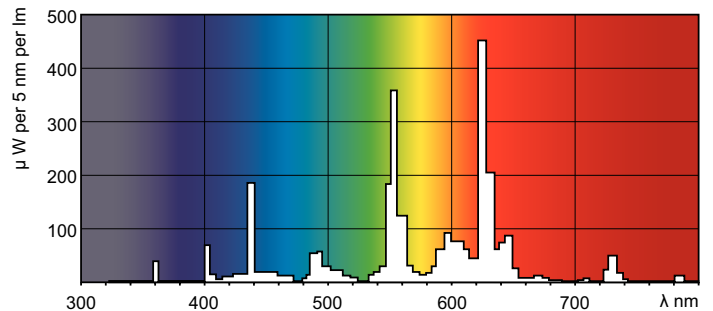
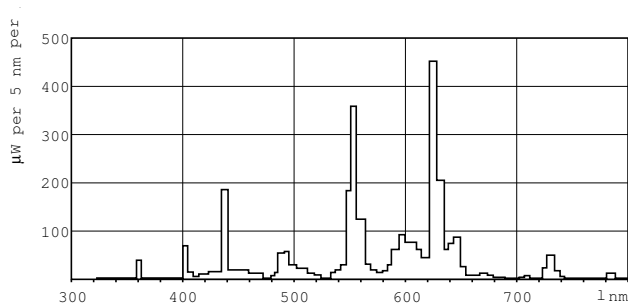
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 49W/830 UNP/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## TL5 HO 49W/830

## Photometric data

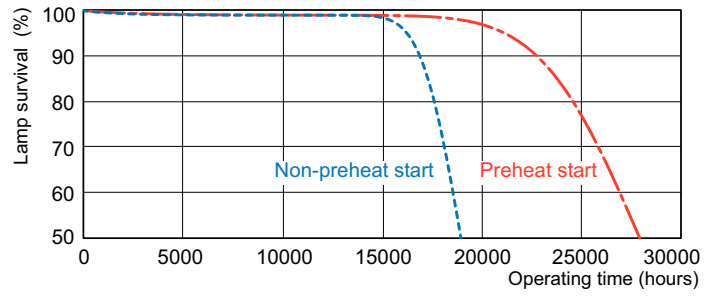
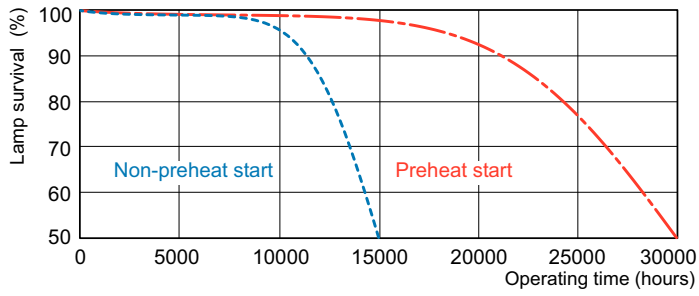


## Lightcolor /830

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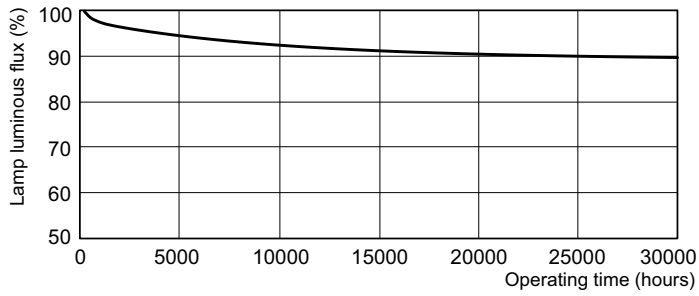
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## Lifetime



MASTER TL5 HO/ActiViva Life Expectancy 3 h cycle

MASTER TL5 HO/ActiViva Life Expectancy 12 h cycle



MASTER TL5 HO/ActiViva Lumen Maintenance 3 h + 12 h cycle

