



MASTER TL5 High Output

MASTER TL5 HO 49W/830 SLV/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	
Cap base	G5 [G5]
Life to 50% failures preheat (nom.)	30000 h
Features	na [Not Applicable]
System description	High Output (HO)
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	99 %
LSF preheat 6,000 hours rated	99 %
LSF preheat 8,000 hours rated	99 %
LSF preheat 16,000 hours rated	97 %
LSF preheat 20,000 hours rated	84 %
	Sphere
Light technical	
Colour Code	830 [CCT of 3,000 K]
Lamp Luminous Flux 25°C EL (Nom)	4375 lm
Lamp Luminous Flux (Nom)	4375 lm
Colour Designation	Warm white (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W

Chromaticity coordinate X (nom.)	0.44
Chromaticity coordinate Y (nom.)	0.403
Colour Temperature, horizontal (Nom)	3000 K
Lamp Luminous Efficacy EM (Nom)	89 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (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 %

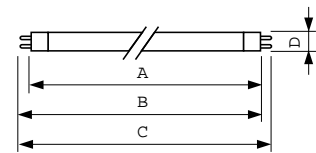
Operating and electrical	
Power (Rated) (Nom)	49.3 W
Lamp current (nom.)	0.255 A

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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	
Energy Efficiency Class	G
Mercury (Hg) content (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	50 kWh

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Product data	
Full product code	871150063954755
Order product name	MASTER TL5 HO 49W/830 SLV/40
EAN/UPC – product	8711500639547
Order code	927927583055
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927927583055
Copy Net Weight (Piece)	128.700 g
ILCOS code	FDH-49/30/1B-L/P-G5-16/1450

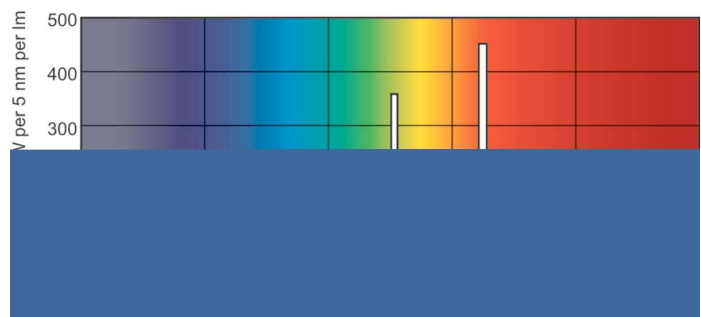
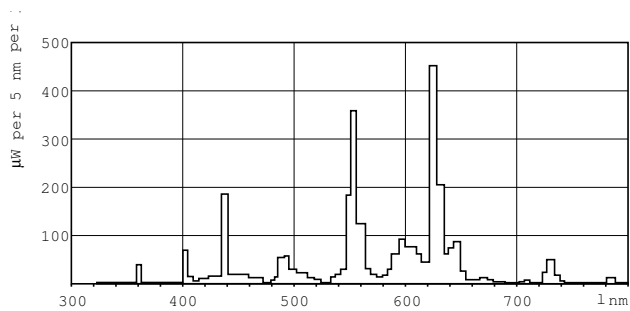
Dimensional drawing



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

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Photometric data



Lightcolour /830

Lightcolour /830

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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

