



MASTER TL5 High Output



MASTER TL5 HO 54W/830 1SL/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

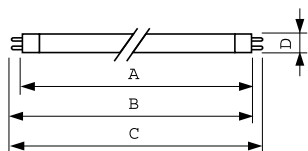
General Information			
Cap base	G5 [G5]	Chromaticity coordinate X (nom.)	0.44
Life to 50% failures preheat (nom.)	30000 h	Chromaticity coordinate Y (nom.)	0.403
Features	na [Not Applicable]	Correlated Colour Temperature (Nom)	3000 K
System description	High Output (HO)	Luminous efficacy (rated) (nom.)	83 lm/W
LSF preheat 2,000 hours rated	99 %	Color rendering index (max.)	85
LSF preheat 4,000 hours rated	99 %	Colour-rendering index (min.)	80
LSF preheat 6,000 hours rated	99 %	Colour rendering index (nom.)	82
LSF preheat 8,000 hours rated	99 %	LLMF 2000 h Rated	96 %
LSF preheat 16,000 hours rated	97 %	LLMF 4000 h Rated	95 %
LSF preheat 20,000 hours rated	84 %	LLMF 6000 h Rated	94 %
	Sphere	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3,000 K]	Power (Rated) (Nom)	54.4 W
Luminous flux (nom.)	4500 lm	Lamp current (nom.)	0.455 A
Luminous flux (rated) (nom.)	4500 lm		
Colour designation	Warm white (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W		

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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 (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	55 kWh

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Product Data	
Full product code	871150064316255
Order product name	MASTER TL5 HO 54W/830 SLV/40
EAN/UPC – product	8711500643162
Order code	64316255
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927929083055
SAP net weight (piece)	105.800 g
ILCOS code	FDH-54/30/1B-L/P-G5-16/1150

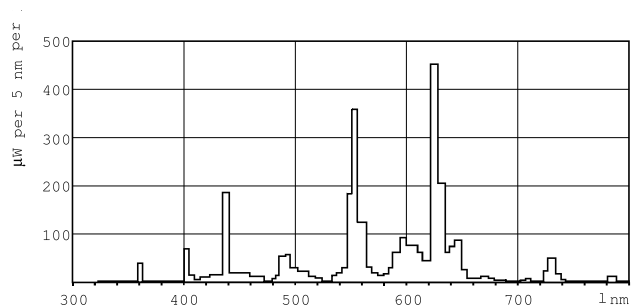
Dimensional drawing



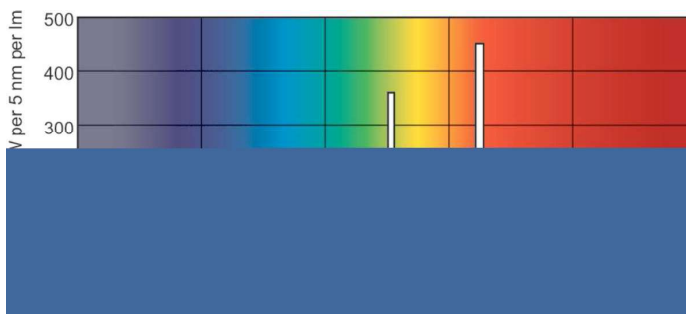
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 54W/830 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

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Photometric data



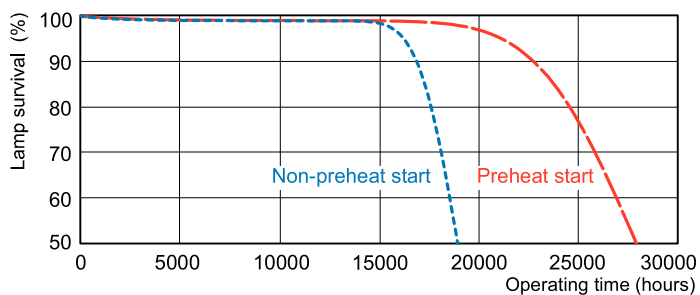
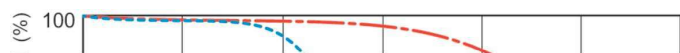
Lightcolour /830



Lightcolour /830

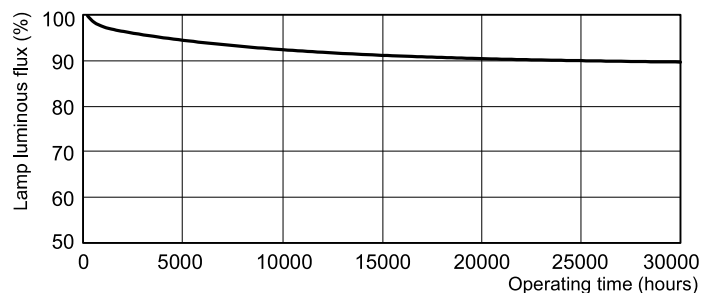
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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

