



MASTER TL5 High Output 90 De Luxe



MASTER TL5 HO 90 De Luxe 49W/950 1SL/20

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		Operating and Electrical	
Cap base	G5 [G5]	Power (Rated) (Nom)	49.8 W
Life to 50% failures preheat (nom.)	30000 h	Lamp current (nom.)	0.255 A
LSF preheat 2,000 hours rated	99 %	Chromaticity coordinate Y (nom.)	0.351
LSF preheat 4,000 hours rated	99 %	Correlated Colour Temperature (Nom)	5200 K
LSF preheat 6,000 hours rated	99 %	Luminous efficacy (rated) (nom.)	76 lm/W
LSF preheat 8,000 hours rated	99 %	Colour rendering index (nom.)	92
LSF preheat 16,000 hours rated	97 %	LLMF 2000 h Rated	96 %
LSF preheat 20,000 hours rated	84 %	LLMF 4000 h Rated	95 %
	Sphere	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 %
Light Technical		Temperature	
Colour Code	950 [CCT of 5,000 K]	Design temperature (nom.)	35 °C
Luminous flux (nom.)	3800 lm		
Luminous flux (rated) (nom.)	3725 lm		
Colour designation	Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	85 lm/W		
Chromaticity coordinate X (nom.)	0.34		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Bulb shape	T5 [16 mm (T5)]
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Approval and Application

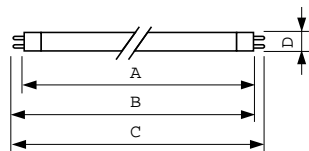
Energy Efficiency Class	G
Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	50 kWh
	423474

Product Data

Full product code	871150089062700
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Order product name	MASTER TL5 HO 90 De Luxe 49W/950 1SL20
EAN/UPC – product	8711500890627
Order code	89062700
Local order code	49950
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	927991595024
SAP net weight (piece)	127.400 g
ILCOS code	FDH-49/50/1A-L/P-G5-16/1450

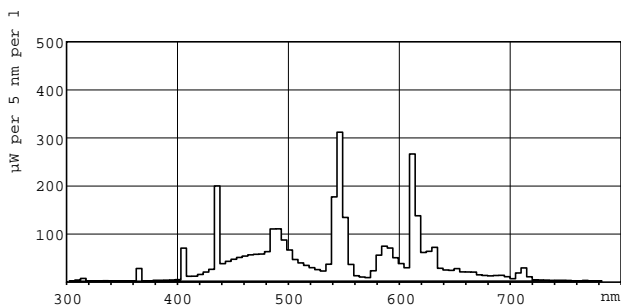
Dimensional drawing



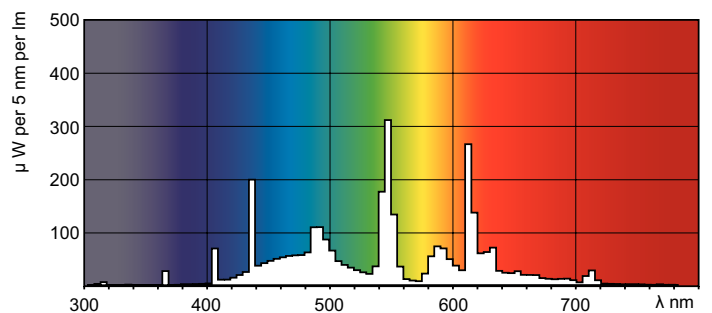
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 49W/950 1SL20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 HO 49W/950

Photometric data



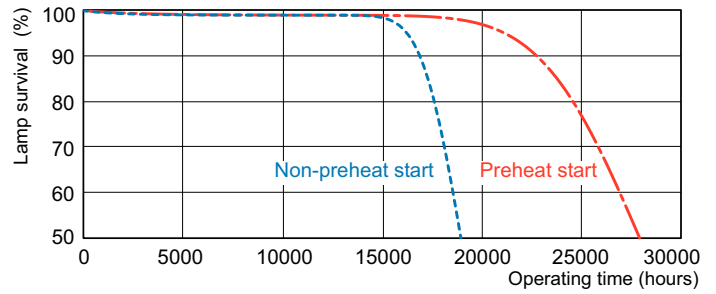
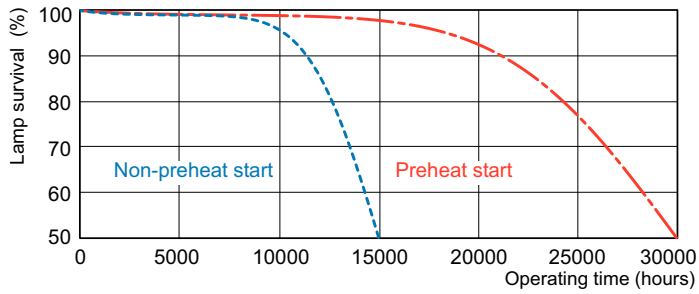
Lightcolour TL5 /950



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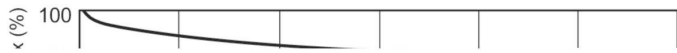
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Lifetime



LDLE_TL5-HO9_0001-Life expectancy diagram

LDLE_TL5-HO9_0002-Life expectancy diagram



LDLM_TL5-HO9_0001-Lumen maintenance diagram

