

MASTER TL5 High Output 90 De Luxe



MASTER TL5 HO 90 De Luxe 49W/952 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	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	30000 h
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 %
Flux measurement reference	Sphere
Light technical	
Colour Code	950 [CCT of 5000K]
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

Chromaticity Coordinate Y (Nom)	0.351
Colour Temperature, horizontal (Nom)	5200 K
Luminous Efficacy (rated) (Nom)	76 lm/W
Colour Rendering Index horiz (Nom)	92
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	91 %
LLMF 20000 h Rated	90 %
Operating and electrical	
Power (Rated) (Nom)	49.8 W
Lamp Current (Nom)	0.255 A
Temperature	
Design Temperature (Nom)	35 °C

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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

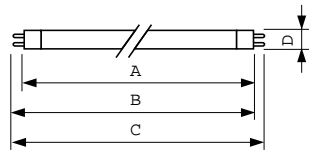
Energy Efficiency Class	G
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	50 kWh
EPREL Registration Number	423474

Product data

Full product code	871150089062700
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Order product name	MASTER TL5 HO 90 De Luxe 49W/952 1SL20
EAN/UPC - Product	8711500890627
Order code	89062700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927991595024
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-49/50/1A-L/P-G5-16/1450

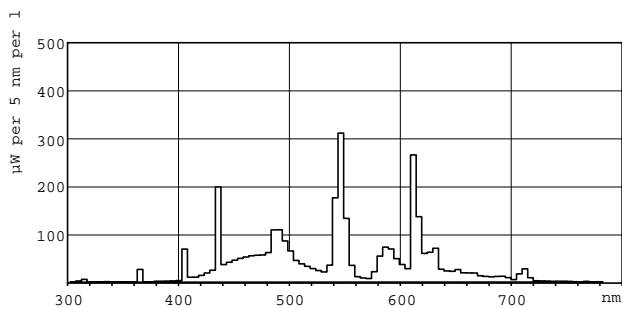
Dimensional drawing



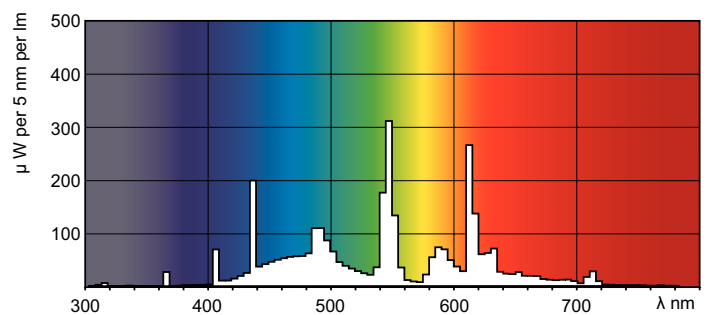
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 49W/952 1SL20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

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Photometric data



Lightcolour TL5 /950



Lightcolour TL5 /950

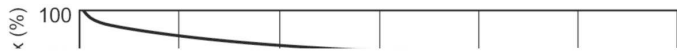
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Lifetime



LDLE_TL5-HO9_0001-Life expectancy diagram

LDLE_TL5-HO9_0002-Life expectancy diagram



LDLM_TL5-HO9_0001-Lumen maintenance diagram

