



MASTER TL5 High Output 90 De Luxe

MASTER TL5 HO 90 De Luxe 54W/965 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]	Chromaticity Coordinate Y (Nom)	337
Life to 50% Failures Preheat (Nom)	30000 h	Colour Temperature, horizontal (Nom)	6800 K
Features	HO Alto® [High Output Alto]	Luminous Efficacy (rated) (Nom)	71 lm/W
LSF Preheat 2000 h Rated	99 %	Colour Rendering Index horiz (Nom)	93
LSF Preheat 4000 h Rated	99 %	Depreciation 2000 hrs	96 %
LSF Preheat 6000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 8000 h Rated	99 %	Depreciation 5000 hrs	94 %
LSF Preheat 16000 h Rated	97 %	LLMF 8000 h Rated	93 %
LSF Preheat 20000 h Rated	84 %	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Temperature	
Colour Code	965 [CCT of 6500K]	Design Temperature (Nom)	35 °C
Luminous Flux (Nom)	4300 lm		
Luminous Flux (Rated) (Nom)	3825 lm		
Colour Designation	Cool Daylight		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	80 lm/W		
Chromaticity Coordinate X (Nom)	313		

MASTER TL5 High Output 90 De Luxe

Controls and Dimming

Dimmable	Yes
----------	-----

Approval and Application

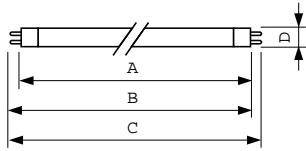
Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	59 kWh

Product Data

Full product code	871150086983800
Order product name	MASTER TL5 HO 90 De Luxe 54W/965 1SL20

EAN/UPC - Product	8711500869838
Order code	86983800
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927993096524
Net Weight (Piece)	105.800 g
ILCOS Code	FDH-54/65/1A-L/P-G5-16/1150

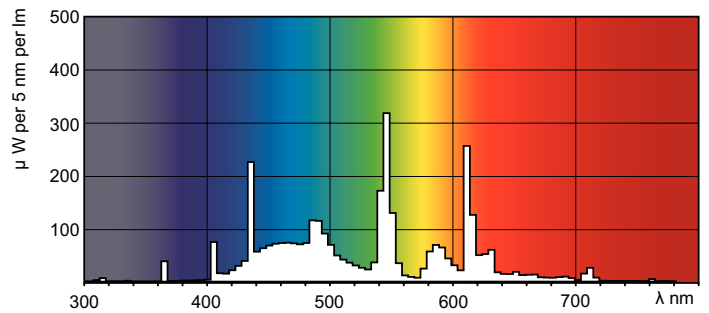
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 54W/965 1SL20	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

TL5 HO 54W/965

Photometric data



Lightcolour TL5 /965

Lightcolour TL5 /965

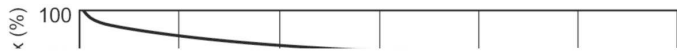
MASTER TL5 High Output 90 De Luxe

Lifetime



LDLE_TL5-HO9_0001-Life expectancy diagram

LDLE_TL5-HO9_0002-Life expectancy diagram



LDLM_TL5-HO9_0001-Lumen maintenance diagram

