



# MASTER TL5 High Output 90 De Luxe

## MASTER TL5 HO 90 De Luxe 54W/950 1SL20

This TL5 High Output lamp (tube diameter 16 mm) has excellent color rendering (CRI > 90). This means that colors are presented in a natural way, making them appear rich, deep and enhanced as they do in daylight. Application areas are places where color rendering is key, e.g. the printing industry, libraries, museums, hospitals and shops (jewelry, flowers, clothing, textile, leather, carpets).

### 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		Luminous Efficacy (@ Max Lumen, Rated) (Nom)	
Cap-Base	G5 [ G5]	Luminous Efficacy (@ Max Lumen, Rated) (Nom)	80 lm/W
Life to 50% Failures Preheat (Nom)	30000 h	Chromaticity Coordinate X (Nom)	346
LSF Preheat 2000 h Rated	99 %	Chromaticity Coordinate Y (Nom)	359
LSF Preheat 4000 h Rated	99 %	Correlated Color Temperature (Nom)	5200 K
LSF Preheat 6000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	71 lm/W
LSF Preheat 8000 h Rated	99 %	Color Rendering Index (Nom)	92
LSF Preheat 16000 h Rated	97 %	LLMF 2000 h Rated	96 %
LSF Preheat 20000 h Rated	84 %	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 %
Light Technical			
Color Code	950 [ CCT of 5000K]		
Luminous Flux (Nom)	4300 lm		
Luminous Flux (Rated) (Nom)	3825 lm		
Color Designation	Daylight		

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## Operating and Electrical

Power (Nom)	54.1 W
Lamp Current (Nom)	0.455 A

## Temperature

Design Temperature (Nom)	35 °C
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## Controls and Dimming

Dimmable	Yes
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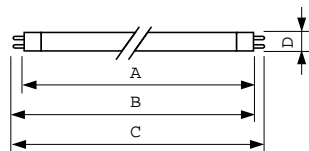
## Approval and Application

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

## Product Data

Full product code	871150089066500
Order product name	MASTER TL5 HO 90 De Luxe 54W/950 1SL20
EAN/UPC - Product	8711500890665
Order code	927993095024
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927993095024
Net Weight (Piece)	105.800 g
ILCOS Code	FDH-54/50/1A-L/P-G5-16/1150

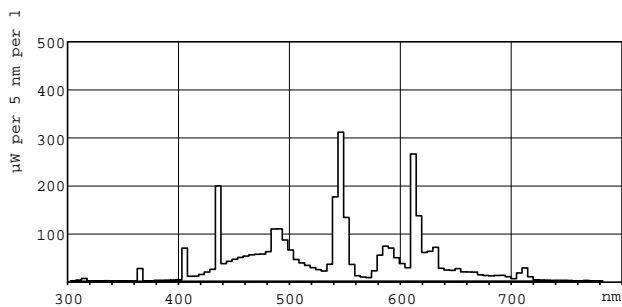
## Dimensional drawing



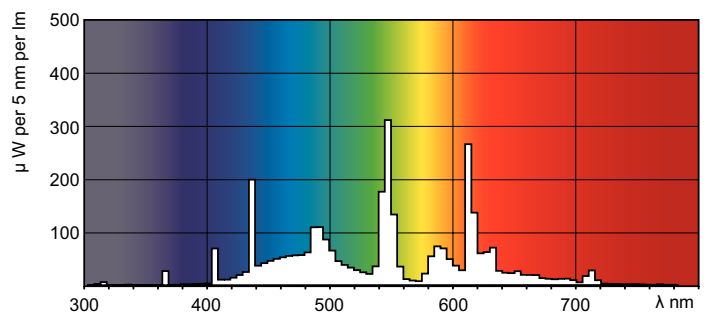
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 54W/950 1SL20	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## TL5 HO 54W/950

## Photometric data



LDPB\_TL5-HO9\_950-Spectral power distribution B/W



LDPO\_TL5-HO9\_950-Spectral power distribution Colour

# 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

