



# 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).

### Product data

General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G5 [ G5]		71 lm/W
Life to 50% Failures Preheat (Nom)	30000 h	Color Rendering Index (Nom)	92
LSF Preheat 2000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 4000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 6000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 8000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 16000 h Rated	97 %	LLMF 12000 h Rated	92 %
LSF Preheat 20000 h Rated	84 %	LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	950 [ CCT of 5000K]	Power (Rated) (Nom)	54.1 W
Luminous Flux (Nom)	4300 lm	Lamp Current (Nom)	0.455 A
Luminous Flux (Rated) (Nom)	3825 lm		
Color Designation	Daylight	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	80 lm/W	Design Temperature (Nom)	35 °C
Chromaticity Coordinate X (Nom)	346	Controls and Dimming	
Chromaticity Coordinate Y (Nom)	359	Dimmable	Yes
Correlated Color Temperature (Nom)	5200 K		

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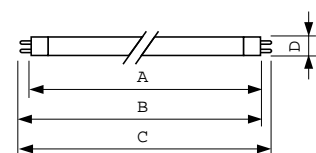
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	59 kWh
Product Data	
Full product code	871150089066500
Order product name	MASTER TL5 HO 90 De Luxe 54W/950 1SL20

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

## 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.

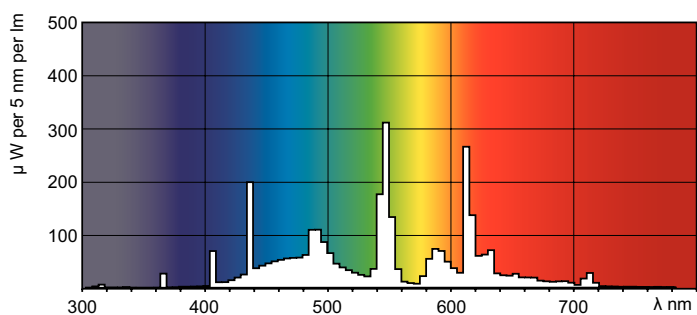
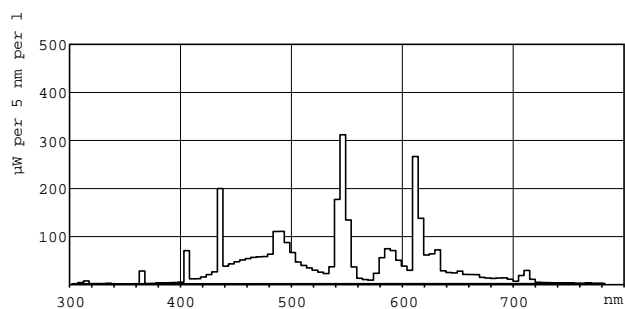
## Dimensional drawing



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



## Lightcolor TL5 /950

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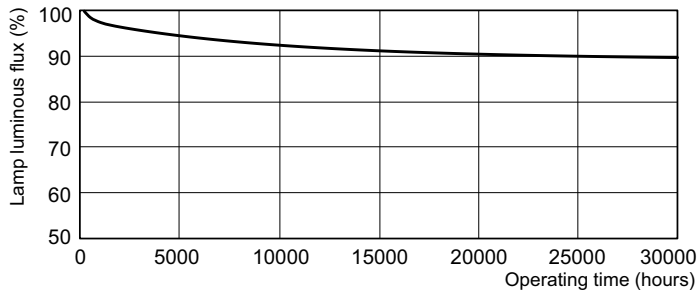
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## Lifetime



MASTER TL5 HO 90 De Luxe Life Expectancy 3 h cycle

MASTER TL5 HO 90 De Luxe Life Expectancy 12 h cycle



MASTER TL5 HO 90 De Luxe Lumen Maintenance 3 h + 12 h cycle

