

# MASTER TL5 High Output 90 De Luxe



## MASTER TL5 HO 90 De Luxe 54W/952 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	
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	
Color Code	950 [ CCT of 5000K]
Luminous Flux (Nom)	3825 lm
Luminous Flux (Rated) (Nom)	3825 lm

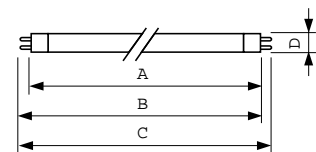
Color Designation	Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	80 lm/W
Chromaticity Coordinate X (Nom)	0.34
Chromaticity Coordinate Y (Nom)	0.351
Correlated Color Temperature (Nom)	5200 K
Luminous Efficacy (rated) (Nom)	71 lm/W
Color Rendering Index (Nom)	91
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %

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LLMF 20000 h Rated	90 %
<b>Operating and electrical</b>	
Power (Nom)	54.6 W
Lamp Current (Nom)	0.455 A
<b>Temperature</b>	
Design Temperature (Nom)	35 °C
<b>Controls and dimming</b>	
Dimmable	Yes
<b>Mechanical and housing</b>	
Bulb Shape	T5 [ 16 mm (T5)]
<b>Approval and application</b>	
Energy Efficiency Class	G
Mercury (Hg) Content (Nom)	1.2 mg

Energy Consumption kWh/1000 h	55 kWh
EPREL Registration Number	423484
<b>Product data</b>	
Full product code	871150089066500
Order product name	MASTER TL5 HO 90 De Luxe 54W/952 1SL20
EAN/UPC - Product	8711500890665
Order code	927993095024
Numerator - Quantity Per Pack	1
Local code description	MASTER TL5 HO 90 De Luxe 54W/950 1SL
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

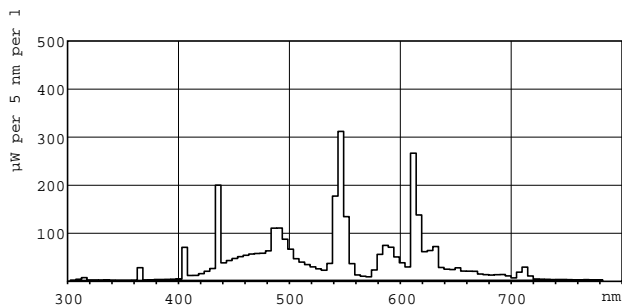
## Dimensional drawing



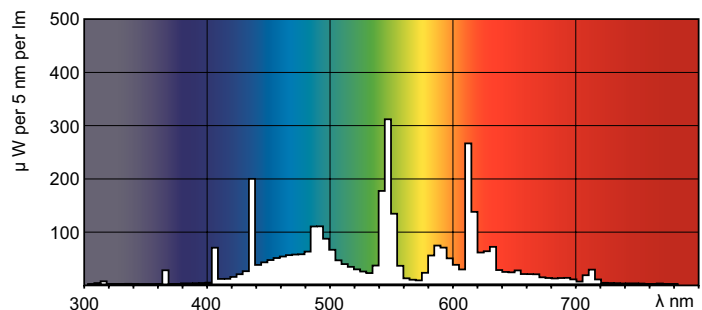
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 54W/952 1SL20	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

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## Photometric data



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



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

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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

