



# MASTER TL5 High Output 90 De Luxe

## MASTER TL5 HO 90 De Luxe 24W/940 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		Correlated Colour Temperature (Nom)	
Cap base	G5 [ G5]	Correlated Colour Temperature (Nom)	4000 K
Life to 50% failures preheat (nom.)	30000 h	Luminous efficacy (rated) (nom.)	68 lm/W
LSF preheat 2,000 hours rated	99 %	Colour rendering index (nom.)	91
LSF preheat 4,000 hours rated	99 %	LLMF 2000 h Rated	96 %
LSF preheat 6,000 hours rated	99 %	LLMF 4000 h Rated	95 %
LSF preheat 8,000 hours rated	99 %	LLMF 6000 h Rated	94 %
LSF preheat 16,000 hours rated	97 %	LLMF 8000 h Rated	93 %
LSF preheat 20,000 hours rated	84 %	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Colour Code	940 [ CCT of 4,000 K]	Power (Rated) (Nom)	22.5 W
Luminous flux (nom.)	1750 lm	Lamp current (nom.)	0.295 A
Luminous flux (rated) (nom.)	1525 lm		
Colour designation	Cool White (CW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	78 lm/W	Design temperature (nom.)	35 °C
Chromaticity coordinate X (nom.)	380		
Chromaticity coordinate Y (nom.)	380		

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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

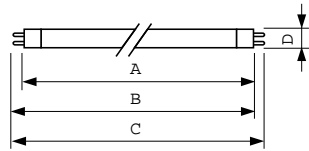
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	25 kWh

## Product Data

Full product code	871150086895400
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Order product name	MASTER TL5 HO 90 De Luxe 24W/940 ISL20
EAN/UPC – product	8711500868954
Order code	86895400
Local order code	24940
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	927992094024
SAP net weight (piece)	54.000 g
ILCOS code	FDH-24/40/1A-L/P-G5-16/550

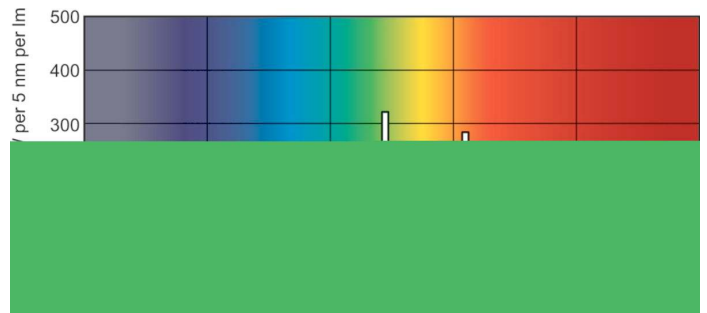
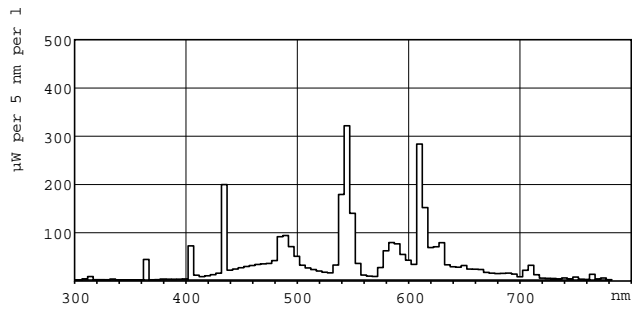
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 90 De Luxe 24W/940 ISL20	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

## TL5 HO 24W/940

## Photometric data

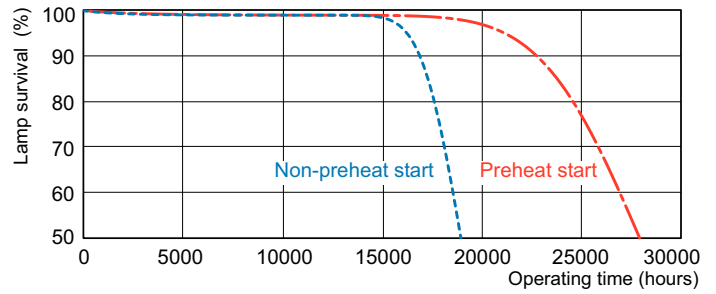
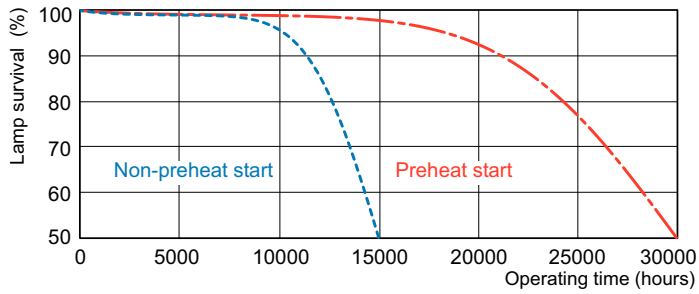


## Lightcolour TL5 /940

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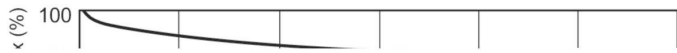
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## Lifetime



LDLE\_TL5-HO9\_0001-Life expectancy diagram

LDLE\_TL5-HO9\_0002-Life expectancy diagram



LDLM\_TL5-HO9\_0001-Lumen maintenance diagram

