



# MASTER TL5 High Output Xtra

## MASTER TL5 HO Xtra 54W/840 SLV/20

Low-pressure high-output mercury discharge lamps with a tubular 16 mm envelope

### Warnings and Safety

- Philips HF Xtreme gear ensures longest lifetime.
- To achieve lifetimes as published for 100% operation, dimming below 30% should not be applied.
- 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.)	45000 h
System description	High Output (HO)
LSF preheat 2,000 hours rated	100 %
LSF preheat 4,000 hours rated	99 %
LSF preheat 6,000 hours rated	99 %
LSF preheat 8,000 hours rated	99 %
LSF preheat 16,000 hours rated	98 %
LSF preheat 20,000 hours rated	97 %
	Sphere
Light Technical	
Colour Code	840 [ CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	4500 lm
Lamp Luminous Flux (Nom)	4500 lm
Colour Designation	Cool White (CW)

Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W
Chromaticity coordinate X (nom.)	0.38
Chromaticity coordinate Y (nom.)	0.38
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	83 lm/W
Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (Nom)	80
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 %
LLMF 20000 h Rated	90 %

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## Operating and Electrical

Power (Rated) (Nom)	53.8 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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## Mechanical and Housing

Cap-base information	Green Plate
Bulb shape	T5 [ 16 mm (T5)]

## Approval and Application

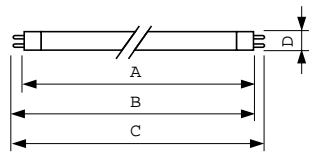
Energy Efficiency Class	G
Mercury (Hg) content (max.)	3 mg
Mercury (Hg) content (nom.)	3.0 mg

Energy consumption kWh/1,000 hours	54 kWh
	423567

## Product Data

Full product code	871150026352005
Order product name	MASTER TL5 HO Xtra 54W/840 SLV/20
EAN/UPC – product	8711500263520
Order code	927929284026
Local order code	TL554W840XTRA
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	927929284026
SAP net weight (piece)	105.800 g
ILCOS code	FDH-54/40/1B-L/P-G5-16/1150

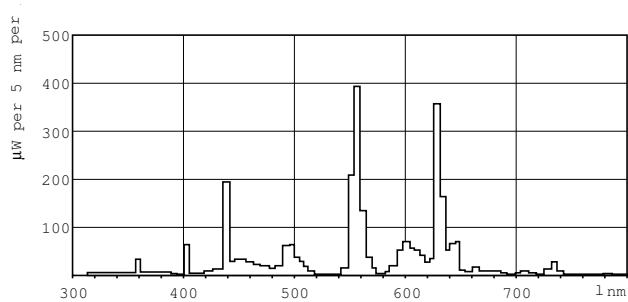
## Dimensional drawing



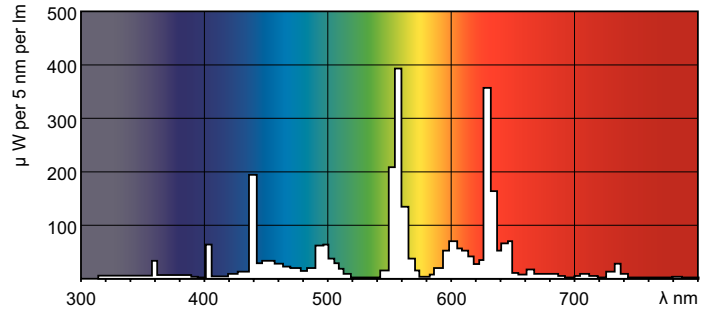
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Xtra 54W/840 SLV/20	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

## TL5 HO Xtra 54W/840

## Photometric data



## Lightcolour /840



## Lightcolour /840

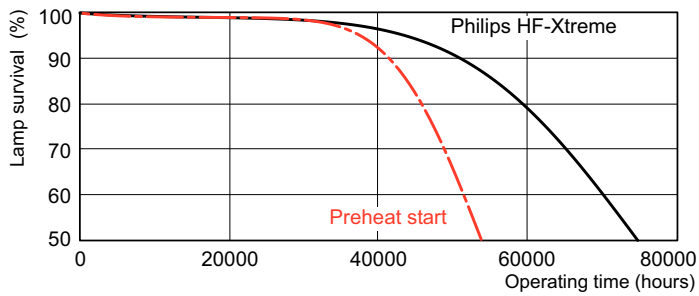
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## Lifetime



LDLE\_TL5HO8Xa\_0001-Life expectancy diagram

LDLE\_TL5HO8Xa\_0002-Life expectancy diagram



LDLE\_TL5HO8Xa\_0003-Life expectancy diagram

LDLM\_TL5HO8Xa\_0001-Lumen maintenance diagram

