



# MASTER TL-D Xtreme

## MASTER TL-D Xtreme 18W/840 1SL/25

This MASTER TL-D Xtreme lamp offers extremely long lifetime. This results in extra-low lamp cost over life. It is therefore suitable for places where lamp replacement is expensive, due to high ceilings or disturbance of operations, and applications with long burning cycles, e.g. tunnels, oil rigs, manufacturing lines. It can be operated on existing gear or dedicated HF Xtreme gear.

### Warnings and Safety

- To achieve published lifetimes for 100% operation, do not dim below 30%
- When used on electromagnetic gear, it is strongly recommended to apply only Philips S10 or S10E starters (for 18W types S2 or S2E) to achieve the published lifetimes, and to install new starters when relamping.
- 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	G13 [ Medium Bi-Pin Fluorescent]
Life to 50% failures (nom.)	47000 h
Life to 50% failures preheat (nom.)	79000 h
LSF 2000 h Rated	100 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	99 %
LSF 8000 h Rated	99 %
LSF 12000 h Rated	99 %
LSF 16000 h Rated	99 %
LSF 20000 h Rated	99 %
	Sphere

Light technical	
Colour Code	841 [ CCT of 4100K (841)]
Luminous flux (nom.)	1300 lm
Luminous flux (rated) (nom.)	1350 lm
Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	0.38
Chromaticity coordinate Y (nom.)	0.38
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	76 lm/W
Colour rendering index (nom.)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %

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LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

## Operating and electrical

Power (Rated) (Nom)	18.0 W
Lamp current (nom.)	0.370 A

## Temperature

Design temperature (nom.)	25 °C
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## Controls and dimming

Dimmable	Yes
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## Mechanical and housing

Bulb shape	T8 [ 26 mm (T8)]
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## Approval and application

Energy Efficiency Class	G
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Mercury (Hg) content (max.)	3 mg
Mercury (Hg) content (nom.)	3.0 mg
Energy consumption kWh/1,000 hours	18 kWh
	423627

## Product data

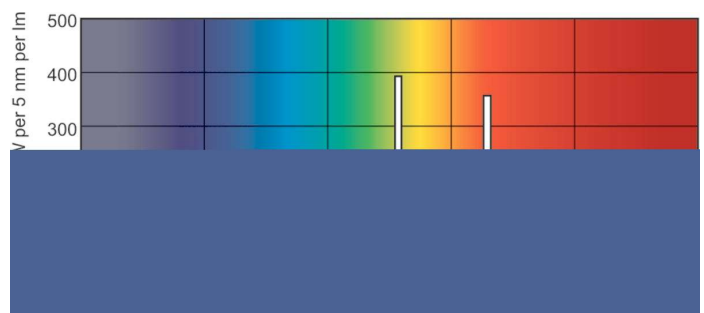
Full product code	871150054496440
Order product name	MASTER TL-D Xtreme 18W/840 SLV
EAN/UPC – product	8711500544964
Order code	54496440
SAP numerator – quantity per pack	1
Local code description	8343804
Numerator – packs per outer box	25
SAP material	927980384014
Net Weight (Piece)	71.000 g
ILCOS code	FD-18/40/1B-E-G13

## Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtreme 18W/840 SLV	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

## MASTER TL-D Xtreme 18W/840 SLV

## Photometric data

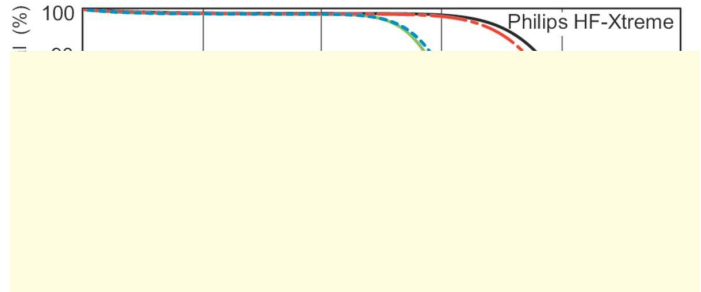
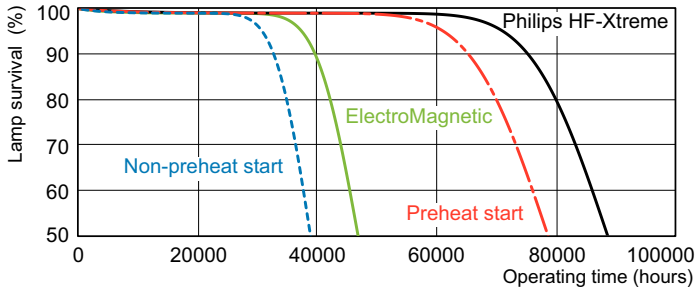


## LDPB\_TL-D8LL\_840-Spectral power distribution B/W

## Lightcolour /840

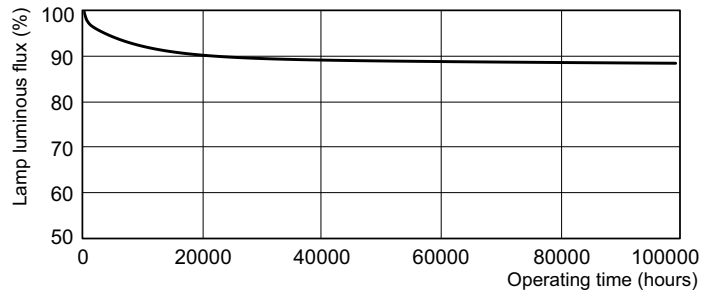
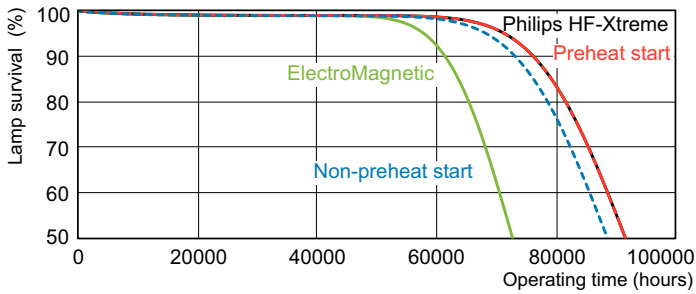
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## Lifetime



LDLE\_TL-D8LL\_0001-Life expectancy diagram

LDLE\_TL-D8LL\_0002-Life expectancy diagram



LDLE\_TL-D8LL\_0003-Life expectancy diagram

LDLM\_TL-D8LL\_0001-Lumen maintenance diagram

