



MASTER TL-D Xtreme

MASTER TL-D Xtreme 18W/840 SLV

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]	Luminous Flux (Nom)	1350 lm
Life to 50% Failures (Nom)	47000 h	Luminous Flux (Rated) (Nom)	1350 lm
Life to 50% Failures Preheat (Nom)	79000 h	Color Designation	Cool White (CW)
LSF 2000 h Rated	100 %	Correlated Color Temperature (Nom)	4000 K
LSF 4000 h Rated	99 %	Luminous Efficacy (rated) (Nom)	76 lm/W
LSF 6000 h Rated	99 %	Color Rendering Index (Nom)	>80
LSF 8000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF 12000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF 16000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF 20000 h Rated	99 %	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical			
Color Code	840 [CCT of 4000K]		

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Operating and Electrical

Power (Nom)	17.7 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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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	22 kWh

Product Data

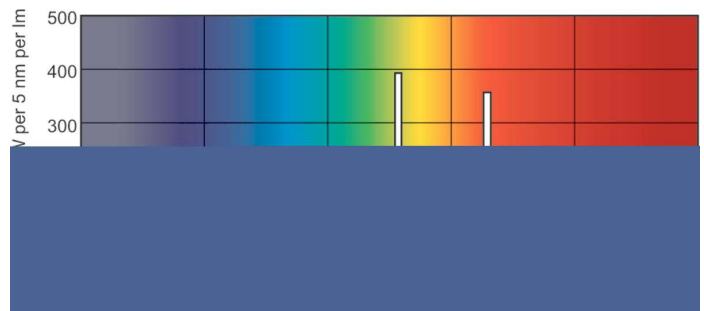
Full product code	871150054496440
Order product name	MASTER TL-D Xtreme 18W/840 SLV
EAN/UPC - Product	8711500544964
Order code	927980384014
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	927980384014
Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/40/1B-E-G13

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

TL-D Xtreme 18W/840

Photometric data

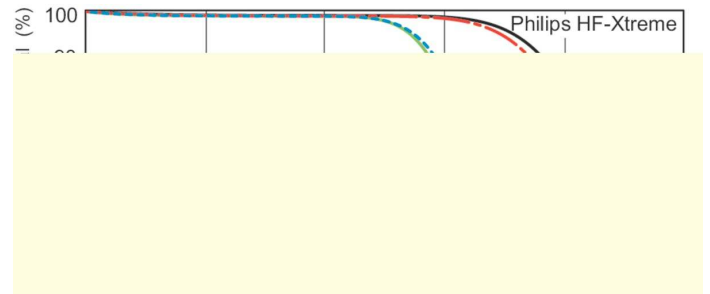
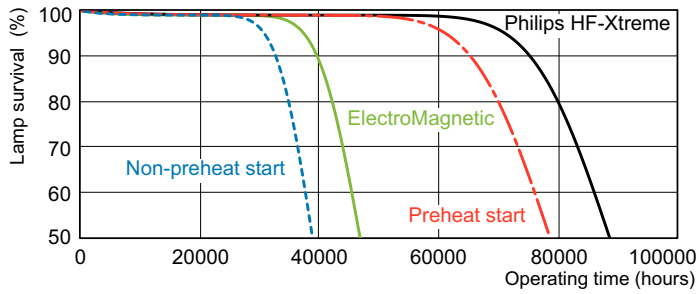


LDPB_TL-D8LL_840-Spectral power distribution B/W

LDPO_TL-D8LL_840-Spectral power distribution Colour

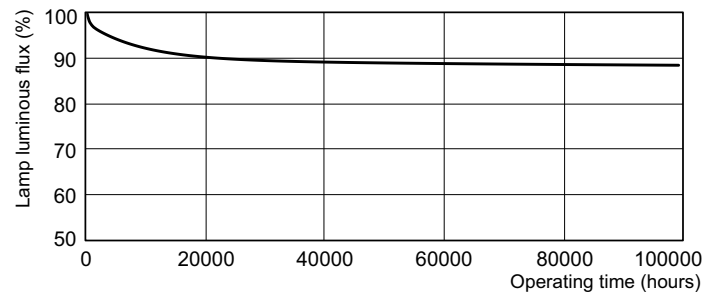
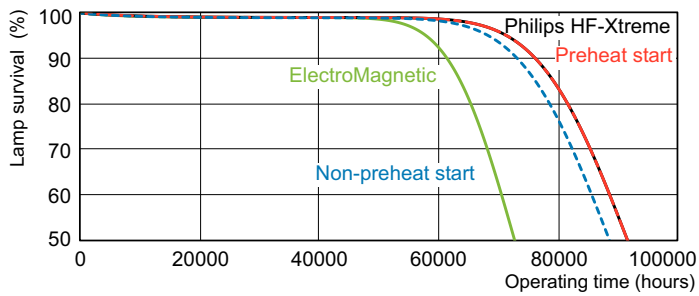
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Lifetime



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

