PHILIPS

Lighting



MASTER TL-D Xtreme

MASTER TL-D Xtreme 18W/830 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.

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 %

Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Nom)	1350 lm
Luminous Flux (Rated) (Nom)	1350 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (Rated) (Nom)	76.3 lm/W
Color Rendering Index (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 %

Operating and Electrical	
Power (Rated) (Nom)	17.7 W
Lamp Current (Nom)	0.370 A

Temperature	
Design Temperature (Nom)	25 °C

Controls and Dimming	
Dimmable	Yes

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

MASTER TL-D Xtreme

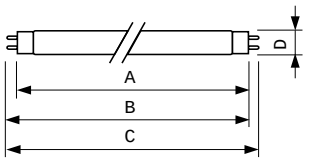
Product Data	
Full product code	871150054492640
Order product name	MASTER TL-D Xtreme 18W/830 SLV
EAN/UPC - Product	8711500544926
Order code	927980383014
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	25
Material Nr. (12NC)	927980383014
Net Weight (Piece)	71.000 g
ILCOS Code	FD-18/30/1B-E-G13

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.

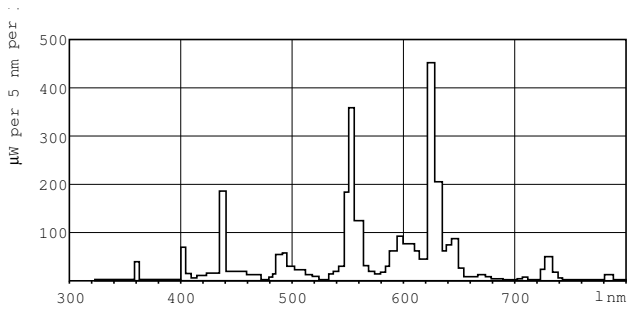
Dimensional drawing



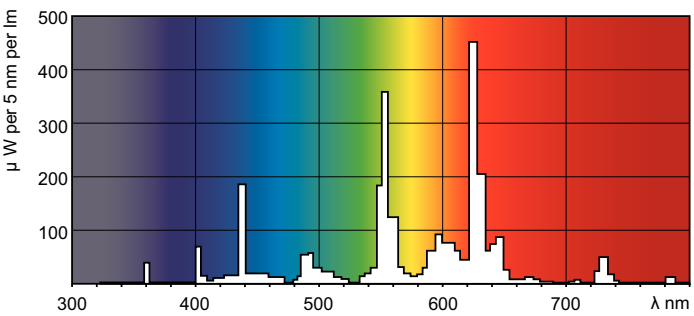
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtreme 18W/830 SLV	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

TL-D Xtreme 18W/830

Photometric data



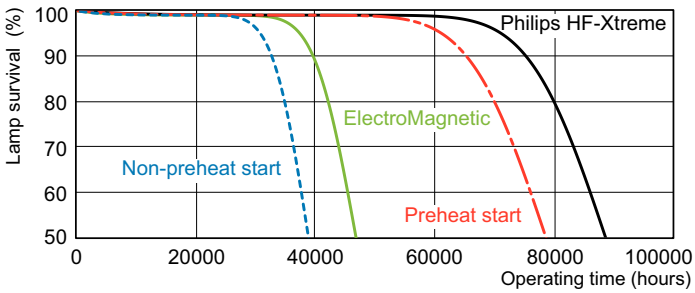
Lightcolor /830

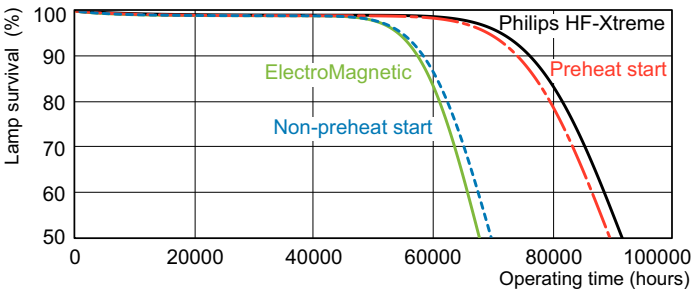


Lightcolor /830

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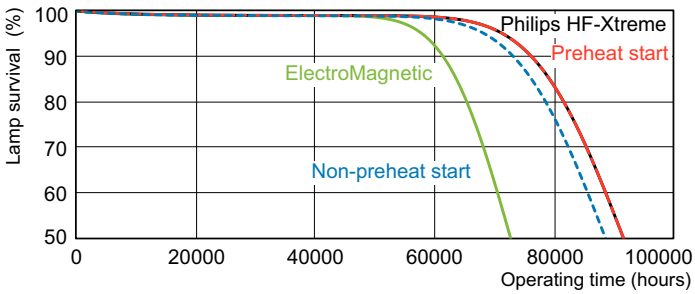
Lifetime

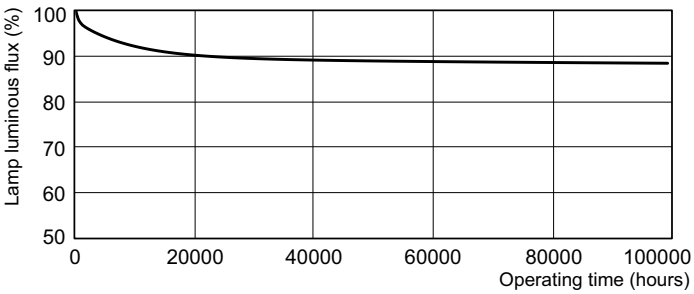




MASTER TL-D Xtreme Life Expectancy 3 h cycle

MASTER TL-D Xtreme Life Expectancy 12 h cycle





MASTER TL-D Xtreme Life Expectancy 24 h cycle

MASTER TL-D Xtreme Lumen Maintenance 3 h, 12 h + 24 h cycle

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