



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.

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		Color rendering index (CRI)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		82
Flux measurement reference	Sphere	Operating and Electrical	
Life to 50% Failures (Nom)	47,000 hour(s)	Power Consumption	18.0 W
Light Technical		Lamp Current (Nom)	0.370 A
Color Code	830 [CCT of 3000K]	Controls and Dimming	
Luminous Flux	1,300 lm	Dimmable	Yes
Color Designation	Warm White (WW)	Mechanical and Housing	
Chromaticity Coordinate X (Nom)	0.44	Bulb Shape	T8
Chromaticity Coordinate Y (Nom)	0.403	Net Weight (Piece)	71.000 g
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	76.3 lm/W		

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Approval and Application

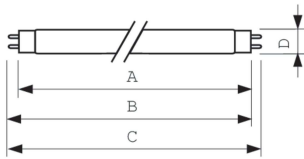
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	423626

Product Data

Order product name	MASTER TL-D Xtreme 18W/830 SLV
Full product name	MASTER TL-D Xtreme 18W/830 SLV

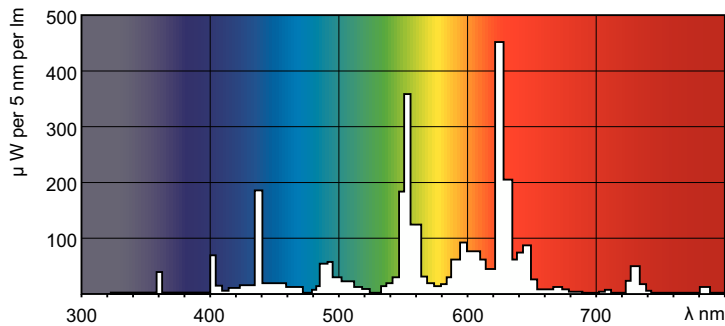
Full product code	871150054492640
Order code	927980383014
Material Nr. (12NC)	927980383014
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500544926
Numerator - Packs per outer box	25
EAN/UPC - Case	8711500544933

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

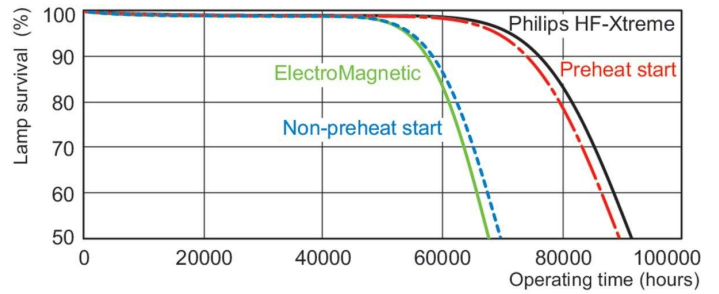
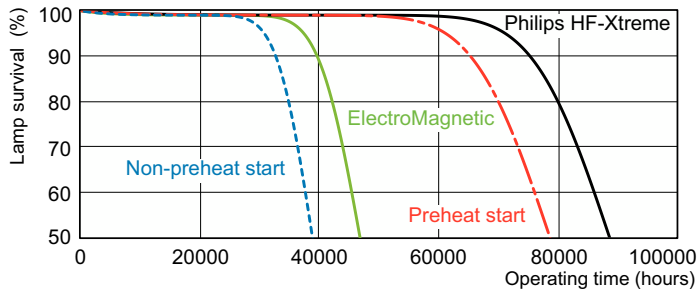
Photometric data



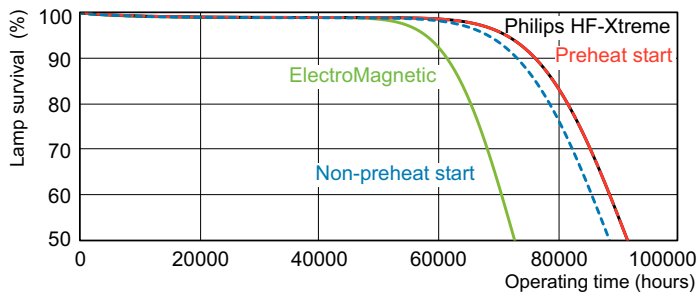
Spectral Power Distribution Colour - MASTER TL-D Xtreme 18W/830 SLV

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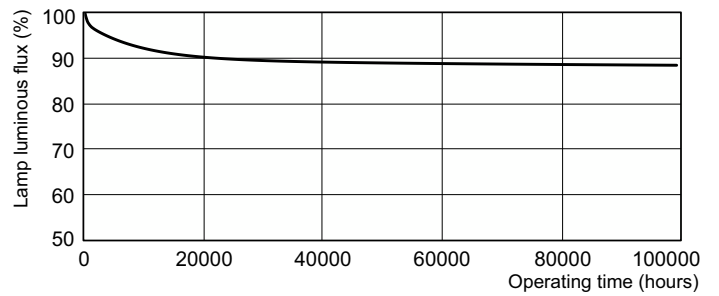
Lifetime



Life expectancy diagram - 3 hour cycle



Life expectancy diagram - 12 hour cycle



Life expectancy diagram - 24 hour cycle

Lumen Maintenance Diagram - MASTER TL-D Xtreme 18W/830 SLV

