PHILIPS

Lighting



MASTER TL-D Xtreme Polar

MASTER TL-D Xtreme Polar 18W/840 SLV/10

The MASTER TL-D Xtreme Polar lamp offers highest light output in cold conditions because of the insulation that is created by putting a TL-D (T8) lamp into a T12 tube. The lamp is especially suitable for applications with long burning cycles in cold environments.

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	840 [CCT of 4000K]
Luminous Flux (Nom)	1350 lm
Luminous Flux (Rated) (Nom)	1350 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Nom)	76 lm/W
Color Rendering Index (Nom)	85
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)	17.0 W
Lamp Current (Nom)	0.378 A

Temperature	
Design Temperature (Nom)	15 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Cap-Base Information	Green Plate

MASTER TL-D Xtreme Polar

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	21 kWh

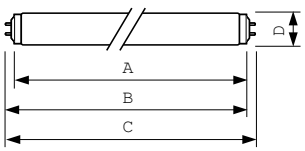
Product Data	
Full product code	871150089299725
Order product name	MASTER TL-D Xtreme Polar 18W/840 SLV/10
EAN/UPC - Product	8711500892997

Order code	927980584075
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927980584075
Net Weight (Piece)	205.500 g
ILCOS Code	FD-18/40/1B-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.

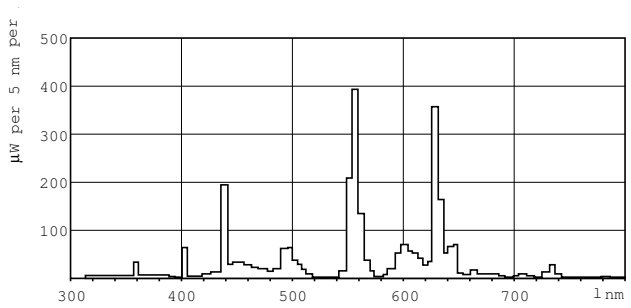
Dimensional drawing



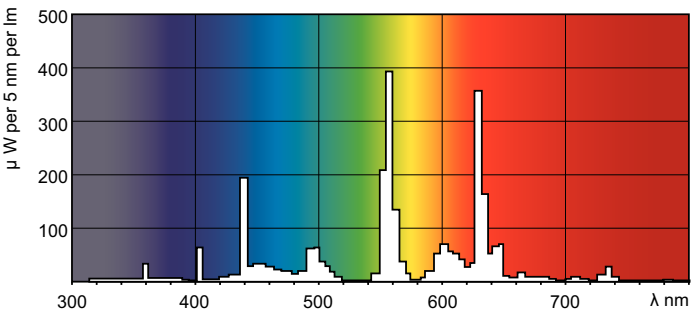
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtreme Polar 18W/840 SLV/10	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

TL-D Xtreme Polar 18W/840

Photometric data



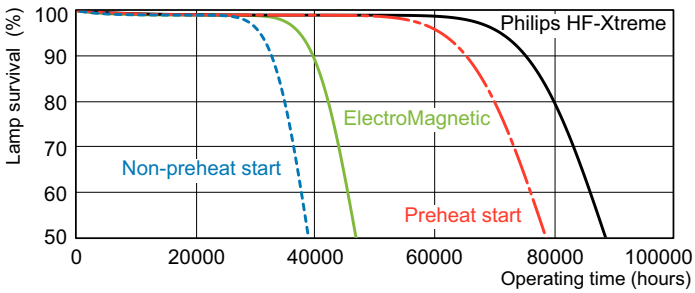
Lightcolor /840

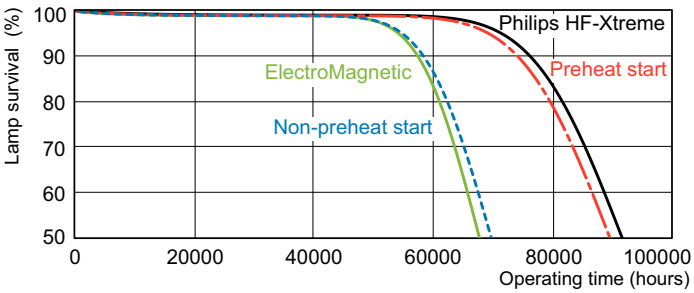


Lightcolor /840

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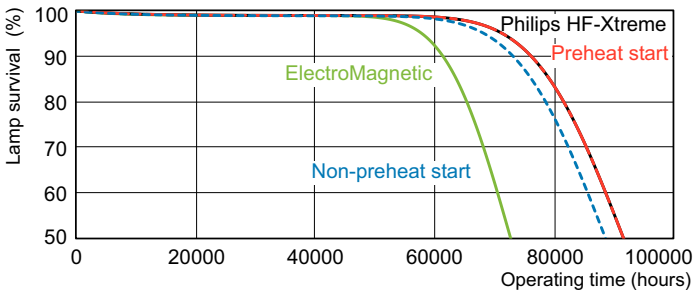
Lifetime

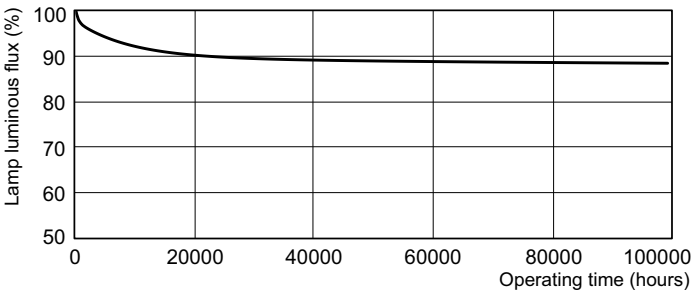




MASTER TL-D Xtreme Life Expectancy 3 h cycle

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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