



# 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.

### 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

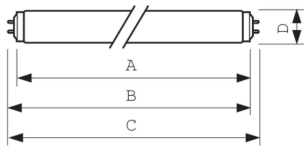
General Information		Operating and Electrical	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	17.0 W
Life to 50% Failures (Nom)	47,000 hour(s)	Lamp Current (Nom)	0.378 A
Light Technical		Controls and Dimming	
Color Code	840 [CCT of 4000K]	Dimmable	Yes
Luminous Flux	1,350 lm	Mechanical and Housing	
Color Designation	Cool White (CW)	Bulb Shape	T12 [38 mm (T12)]
Correlated Color Temperature (Nom)	4000 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	76 lm/W	Mercury (Hg) Content (Nom)	3.0 mg
Color rendering index (CRI)	85		

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Energy Consumption kWh/1000 h	21 kWh
<b>Product Data</b>	
Order product name	MASTER TL-D Xtreme Polar 18W/840 SLV/10
Full product name	MASTER TL-D Xtreme Polar 18W/840 SLV/10
Full product code	871150089299725
Order code	927980584075

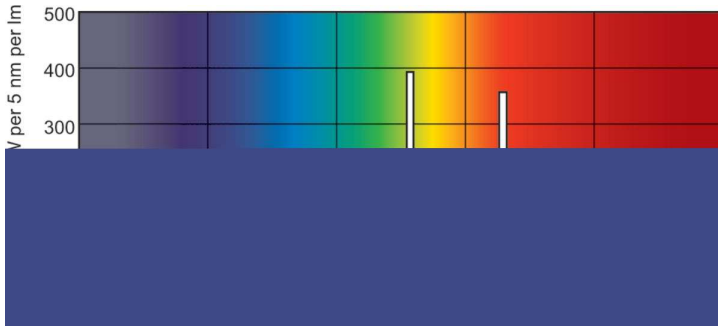
Material Nr. (12NC)	927980584075
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500892997
Numerator - Packs per outer box	10
EAN/UPC - Case	8711500893000

## Dimensional drawing



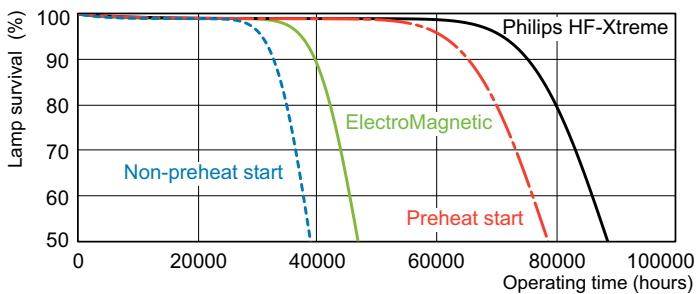
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtreme Polar 18W/840 SLV/10	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

## Photometric data

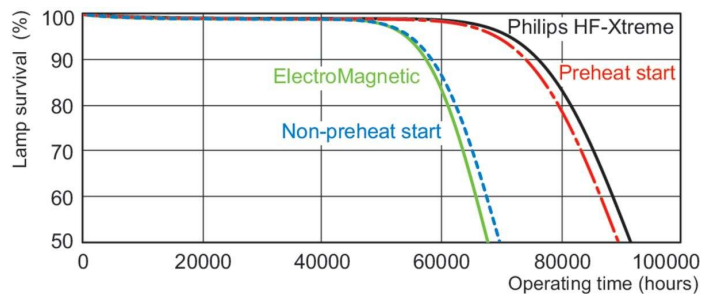


Spectral Power Distribution Colour - MASTER TL-D Xtreme Polar 18W/840 SLV/10

## Lifetime



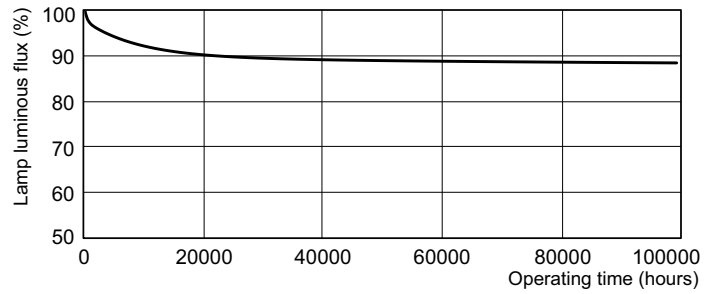
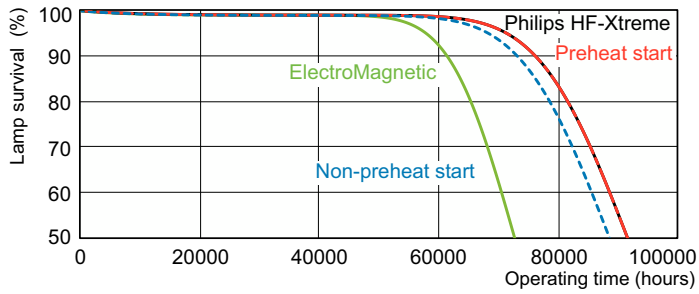
Life Expectancy Diagram - MASTER TL-D Xtreme Polar 18W/840 SLV/10



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

# MASTER TL-D Xtreme Polar

## Lifetime



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

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

