



# MASTER TL-D Xtra Polar

## MASTER TL-D Xtra Polar 18W/840 T12 SLV

The MASTER TL-D Xtra Polar lamp offers the highest light output at lower temperatures 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 in cold environments where relamping is costly and complex.

### 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)	36,000 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		

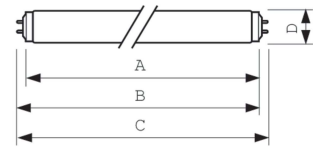
MASTER TL-D Xtra Polar

Energy Consumption kWh/1000 h	21 kWh
Product Data	
Order product name	MASTER TL-D Xtra Polar 18W/840 T12 SLV
Full product name	MASTER TL-D Xtra Polar 18W/840 T12 SLV
Full product code	871150089305525
Order code	927980684075

Material Nr. (12NC)	927980684075
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500893055
Numerator - Packs per outer box	10
EAN/UPC - Case	8711500893062

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtra Polar 18W/840 T12 SLV	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

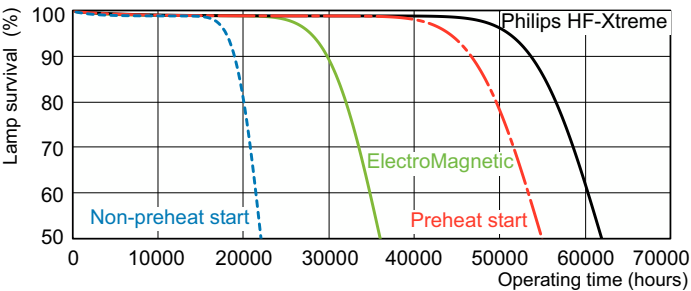


Photometric data

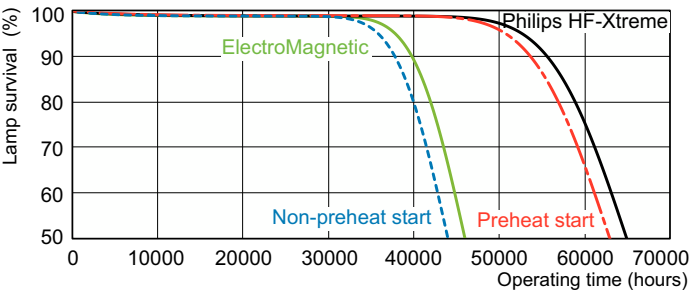


Spectral Power Distribution Colour - MASTER TL-D Xtra Polar 18W/840 T12 SLV

Lifetime



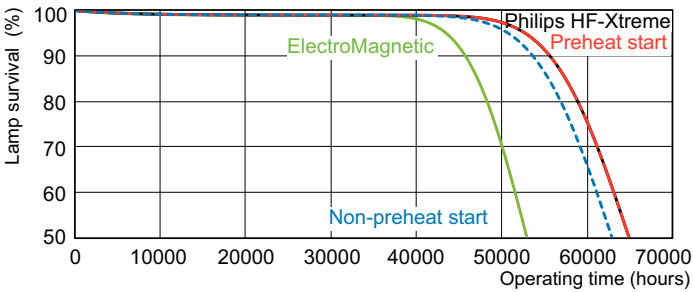
Life Expectancy Diagram - MASTER TL-D Xtra Polar 18W/840 T12 SLV



Life Expectancy Diagram - MASTER TL-D Xtra Polar 18W/840 T12 SLV

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Lifetime



Life Expectancy Diagram - MASTER TL-D Xtra Polar 18W/840 T12 SLV

Lumen Maintenance Diagram - MASTER TL-D Xtra Polar 18W/840 T12 SLV

