

MASTER TL-D Xtreme Polar

MASTER TL-D Xtreme Polar 18W/840 1SL/10

Polar versions are regular MASTER TL-D Xtra and Xtreme lamps inside a clear T12 tube

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

Colour Code	840 [CCT of 4000K (841)]
Luminous Flux (Nom)	1350 lm
Luminous Flux (Rated) (Nom)	1350 lm
Colour Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	383
Chromaticity Coordinate Y (Nom)	381
Colour Temperature, horizontal (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	76 lm/W
Colour Rendering Index horiz (Nom)	85
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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

• Approval and Application

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

• Product Data

Full product code	871150089299725

PHILIPS

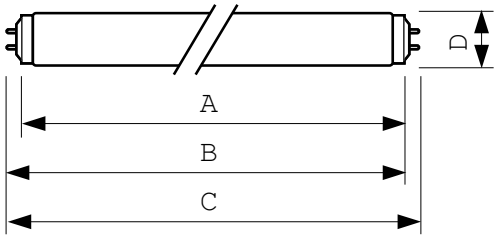
MASTER TL-D Xtreme Polar

Order product name	MASTER TL-D Xtreme Polar 18W/840 SLV/10
EAN/UPC - Product	8711500892997
Order code	89299725
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.

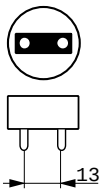
Dimensional drawing



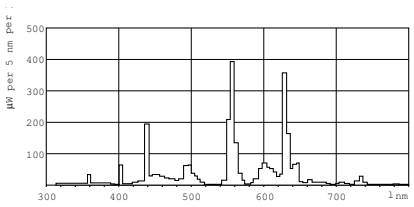
TL-D Xtreme Polar 18W/840

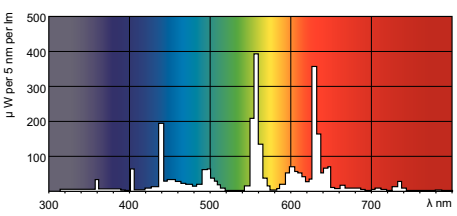
Product	D	A	B	B	C
MASTER TL-D Xtreme Polar 18W/840 SLV/10	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

G13, T12



Photometric data





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2015, December 28
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