

MASTER TL-D Xtra Polar

MASTER TL-D Xtra Polar 18W/840 T12 1SL

Polar versions are regular MASTER TL-D Xtra lamps inside a clear T10 or T12 tube (T10=32 mm diameter, T12=38 mm diameter)

Product data

• General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Life To 10% Failures (Nom)	30000 h
Life To 50% Failures (Nom)	36000 h
Life To 50% Failures Preheat (Nom)	55000 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)	382
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

PHILIPS

MASTER TL-D Xtra Polar

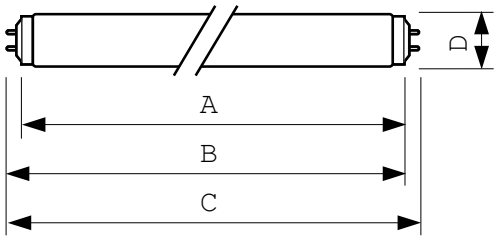
- Product Data

Full product code	871150089305525
Order product name	MASTER TL-D Xtra Polar 18W/840 T12 SLV
EAN/UPC - Product	8711500893055
Order code	89305525
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927980684075
Net Weight (Piece)	203.000 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.

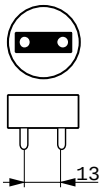
Dimensional drawing



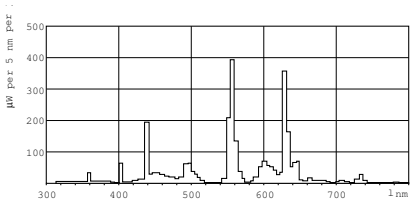
TL-D Xtra Polar 18W/840 T12

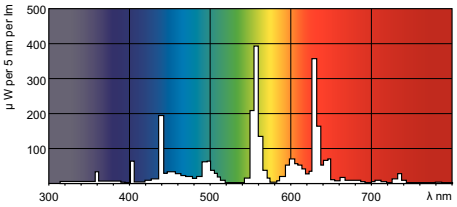
Product	D	A	B	B	C
MASTER TL-D Xtra Polar 18W/840 T12 SLV	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm

G13, T10/T12



Photometric data





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