

MASTER TL-D Xtra Polar

MASTER TL-D Xtra Polar 58W/840 T12 1SL

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.

Product data

• General Information

Cap base	G13 [Medium Bi-Pin Fluorescent]
Bulb shape	T12 [38 mm (T12)]
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	841 [CCT of 4100K (841)]
Luminous flux (nom.)	4750 lm
Luminous flux (rated) (nom.)	4750 lm
Colour designation	Cool White (CW)
Chromaticity coordinate X (nom.)	381
Chromaticity coordinate Y (nom.)	380
Correlated colour temperature (nom.)	4100 K
Luminous efficacy (rated) (nom.)	83 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)	58 W
Lamp current (nom.)	0.715 A

• Temperature

Design temperature (nom.)	-5 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap base information	Green Plate

• Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	3.0 mg
Energy Consumption kWh/1000 h	66 kWh

• Product Data

Full product code	871150089329125

PHILIPS

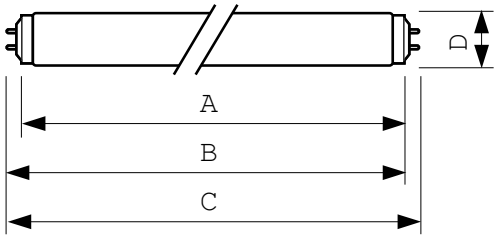
MASTER TL-D Xtra Polar

Order product name	MASTER TL-D Xtra Polar 58W/840 T12 SLV
EAN/UPC – product	8711500893291
Order code	89329125
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	927983684075
Net weight (piece)	445.000 g
ILCOS Code	FD-58/40/1B-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.

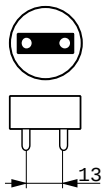
Dimensional drawing



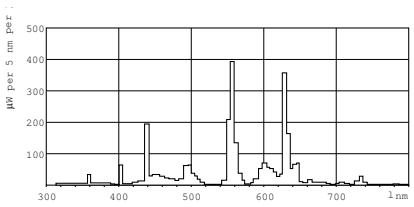
TL-D Xtra Polar 58W/840 T12

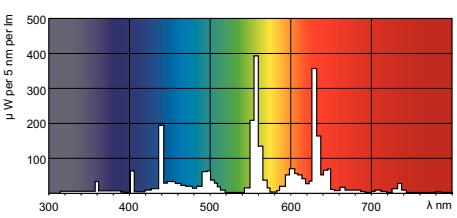
Product	D	A	B	B	C
MASTER TL-D Xtra Polar 58W/840 T12 SLV	40.5 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

G13, T10/T12



Photometric data





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data subject to change