PHILIPS

Lighting



MASTER TL-D Xtra

MASTER TL-D Xtra 36W/865 SLV

This TL-D Xtra lamp offers a longer lifetime and guarantees fewer early failures. This results in low maintenance costs and saves on expensive spot replacement. It is therefore suitable for places where lamp replacement is expensive due to high ceilings or disturbance of operations. This lamp can be operated on existing gear or dedicated HF Xtreme gear.

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	
Color Code	865 [CCT of 6500K]
Luminous Flux (Nom)	3200 lm
Luminous Flux (Rated) (Nom)	3200 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (Rated) (Nom)	87 lm/W
Color Rendering Index (Nom)	>80
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)	37.0 W
Lamp Current (Nom)	0.435 A

Temperature	
Design Temperature (Nom)	25 °C

Controls and Dimming	
Dimmable	Yes

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	44 kWh

MASTER TL-D Xtra

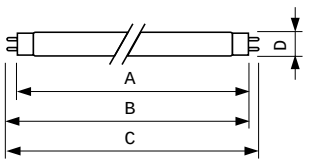
Product Data	
Full product code	871150089283640
Order product name	MASTER TL-D Xtra 36W/865 SLV
EAN/UPC - Product	8711500892836
Order code	927982486514
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	25
Material Nr. (12NC)	927982486514
Net Weight (Piece)	135.000 g
ILCOS Code	FD-36/65/1B-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.

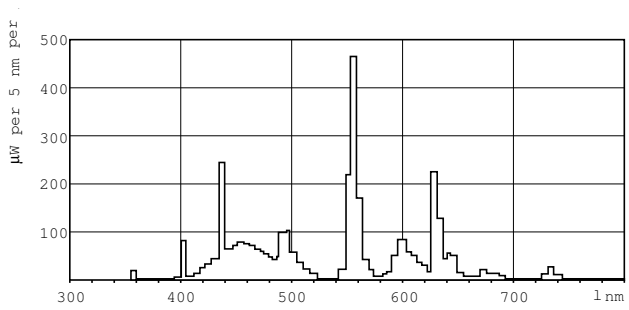
Dimensional drawing



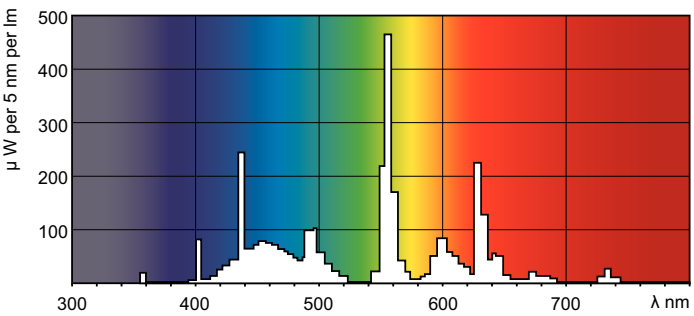
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtra 36W/865 SLV	28 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

TL-D Xtra 36W/865

Photometric data



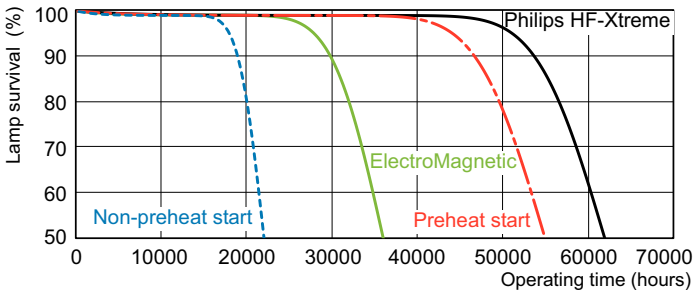
Lightcolor /865

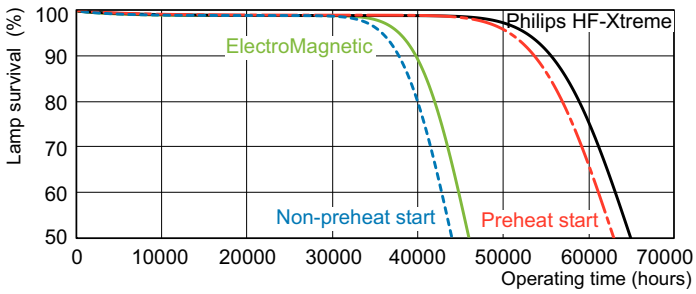


Lightcolor /865

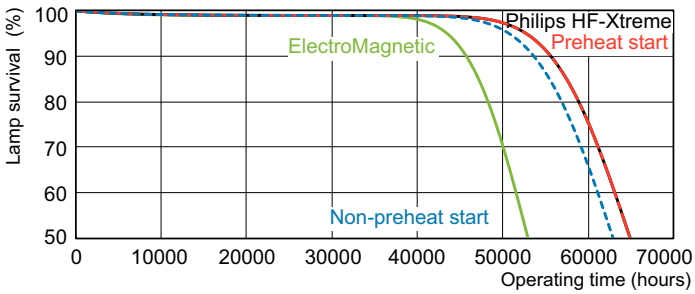
MASTER TL-D Xtra

Lifetime

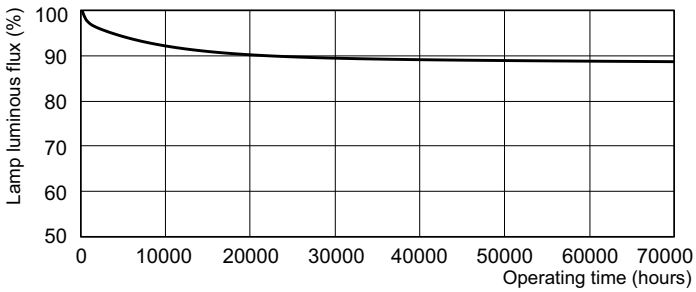




MASTER TL-D Xtra Life Expectancy 3 h cycle



MASTER TL-D Xtra Life Expectancy 12 h cycle



MASTER TL-D Xtra Life Expectancy 24 h cycle

MASTER TL-D Xtra Lumen Maintenance 3 h, 12 h + 24 h cycle

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