



MASTER PL-T TOP 4 Pin



MASTER PL-T TOP 18W/830/4P 1CT/5X10BOX

MASTER PL-T TOP is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications demanding higher lighting levels. The Philips amalgam technology guarantees optimum performance in applications with a wide temperature range, enabling significantly higher output and efficacy levels. The 4-pin version is designed for operation on electronic gear and is provided with a plug-in/pull-out lamp base.

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied HF control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- 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	
Cap-Base	GX24Q-2 [GX24q-2]
Life to 50% Failures Preheat (Nom)	13000 h
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	98 %
LSF Preheat 6000 h Rated	97 %
LSF Preheat 8000 h Rated	90 %
Flux measurement reference	Sphere
Light technical	
Color Code	830 [CCT of 3000K]

Luminous Flux (Nom)	1160 lm
Luminous Flux (Rated) (Nom)	1200 lm
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (Rated) (Min)	67 lm/W
Color Rendering Index (Nom)	80
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	85 %

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LLMF 8000 h Rated	84 %
LLMF 12000 h Rated	81 %
Operating and electrical	
Power (Nom)	18.7 W
Lamp Current (Nom)	0.220 A
Temperature	
Design Temperature (Nom)	28 °C
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Cap-Base Information	4 Pins
Approval and application	
Energy Efficiency Class	G

Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	19 kWh
EPREL Registration Number	423324
Product data	
Full product code	871150088908970
Order product name	MASTER PL-T TOP 18W/830/4P 1CT/5X10BOX
EAN/UPC - Product	8711500889089
Order code	927910883069
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927910883069
Net Weight (Piece)	58.000 g
ILCOS Code	FSM-18/30/1B-E-GX24q=2

Dimensional drawing

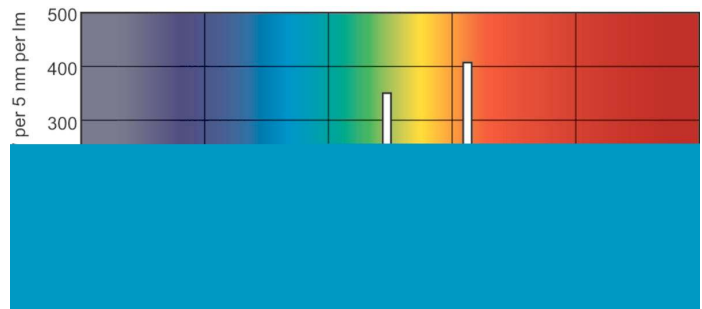
D

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T TOP 18W/830/4P 1CT/5X10BOX	41 mm	71.7 mm	96.0 mm	111.7 mm

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Photometric data

Φ 500

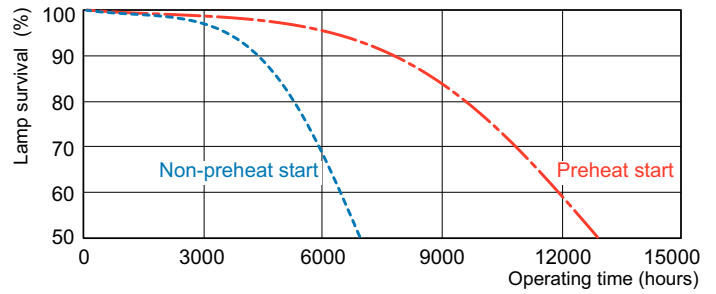


LDPB_PLTTOP4P_830-Spectral power distribution B/W

LDPO_PLTTOP4P_830-Spectral power distribution Colour

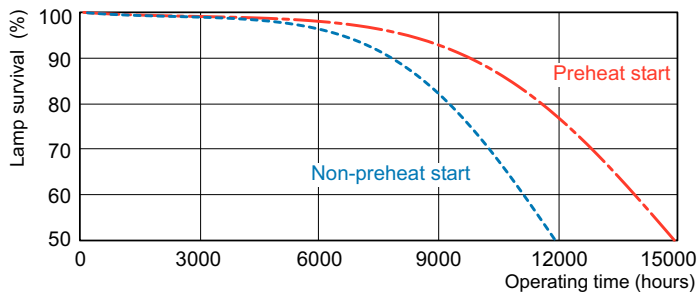
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Lifetime



LDLM_PLTTOP4P_0001-Lumen maintenance diagram

LDLE_PLTTOP4P_0001-Life expectancy diagram



LDLE_PLTTOP4P_0002-Life expectancy diagram

