



MASTER PL-T Xtra 4 Pin

MASTER PL-T Xtra 42W/840/4P 1CT/5X10BOX

MASTER PL-T Xtra is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications demanding higher lighting levels. MASTER PL-T Xtra lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-T lamp, and their very low early failure rate. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. 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		LSF Preheat 20000 h Rated	
Cap-Base	GX24Q-4 [GX24q-4]		90 %
Life to 50% Failures Preheat (Nom)	33000 h	Light Technical	
LSF Preheat 2000 h Rated	99 %	Color Code	840 [CCT of 4000K]
LSF Preheat 4000 h Rated	98 %	Luminous Flux (Nom)	3200 lm
LSF Preheat 6000 h Rated	97 %	Luminous Flux (Rated) (Nom)	3050 lm
LSF Preheat 8000 h Rated	96 %	Color Designation	Cool White (CW)
LSF Preheat 16000 h Rated	94 %	Correlated Color Temperature (Nom)	4000 K

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Luminous Efficacy (rated) (Nom)	74 lm/W
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	88 %
LLMF 6000 h Rated	86 %
LLMF 8000 h Rated	84 %
LLMF 12000 h Rated	81 %
LLMF 16000 h Rated	79 %
LLMF 20000 h Rated	78 %

Operating and Electrical

Power (Nom)	41.0 W
Lamp Current (Nom)	0.320 A

Temperature

Design Temperature (Nom)	28 °C
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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Cap-Base Information	4 Pins
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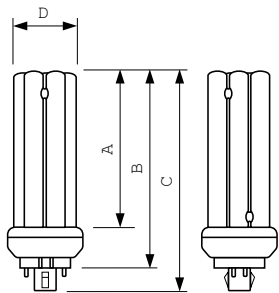
Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	45 kWh

Product Data

Full product code	871150089749770
Order product name	MASTER PL-T Xtra 42W/840/4P 1CT/5X10BOX
EAN/UPC - Product	8711500897497
Order code	927912684014
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927912684014
Net Weight (Piece)	83.000 g
ILCOS Code	FSMH-42/40/1B-L/P-GX24q=4

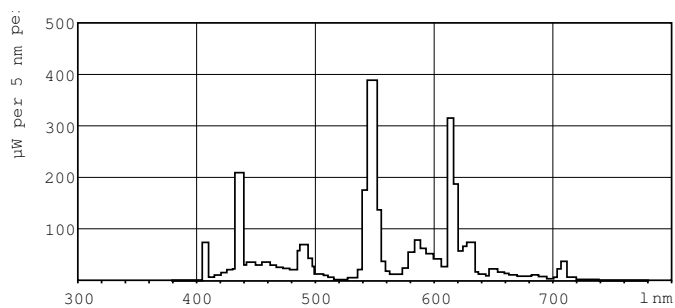
Dimensional drawing



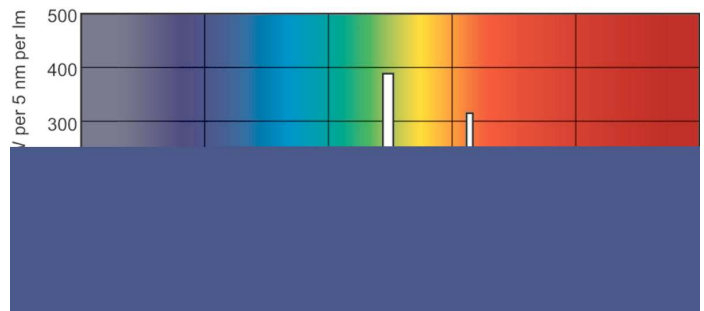
PL-T Xtra 42W/840/4P M

Product	D (max)	A (max)	B (max)	C (max)
MASTER PL-T Xtra 42W/840/4P 1CT/5X10BOX	41.0 mm	120.7 mm	145.0 mm	160.7 mm

Photometric data



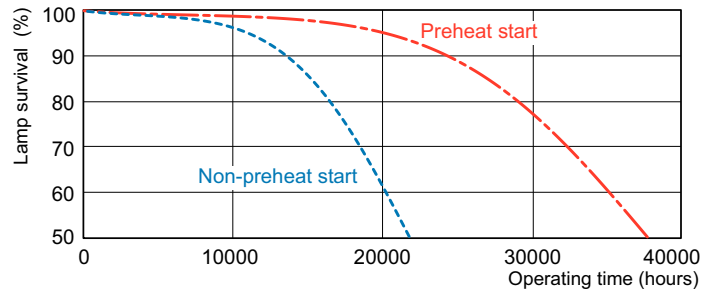
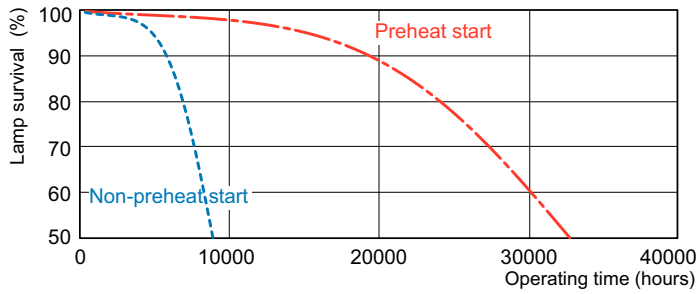
LDPB_PLT4PLTG_840-Spectral power distribution B/W



LDPO_PLT4PLTG_840-Spectral power distribution Colour

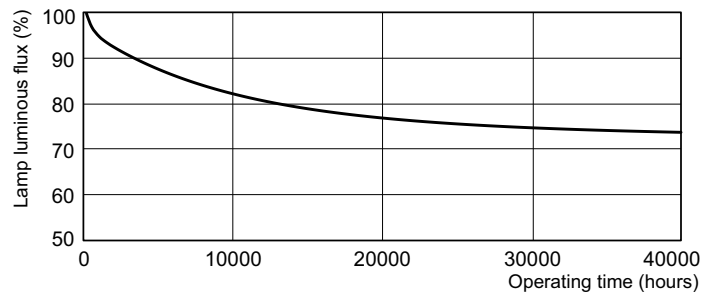
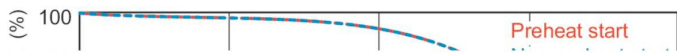
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Lifetime



LDLE_PLT4PLTG_0001-Life expectancy diagram

LDLE_PLT4PLTG_0002-Life expectancy diagram



LDLE_PLT4PLTG_0003-Life expectancy diagram

LDLM_PLT4PLTG_0001-Lumen maintenance diagram

