



MASTER PL-C Xtra 4 Pin

MASTER PL-C Xtra 18W/830/4P 1CT/5X10BOX

MASTER PL-C Xtra is an efficient compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications. MASTER PL-C Xtra lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-C 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 HF control gear with integrated pre-heat 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	G24Q-2 [G24q-2]
Life to 50% Failures Preheat (Nom)	33000 h
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	98 %
LSF Preheat 6000 h Rated	97 %
LSF Preheat 8000 h Rated	96 %
LSF Preheat 16000 h Rated	94 %

LSF Preheat 20000 h Rated	90 %
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Nom)	1200 lm
Luminous Flux (Rated) (Nom)	1200 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K

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Luminous Efficacy (rated) (Nom)	73 lm/W
Color Rendering Index (Nom)	>80
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)	18.0 W
Lamp Current (Nom)	0.210 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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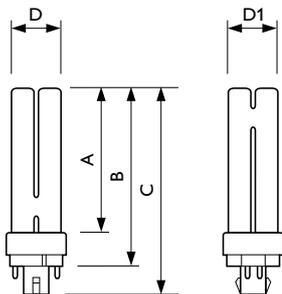
Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	20 kWh

Product Data

Full product code	871150095033870
Order product name	MASTER PL-C Xtra 18W/830/4P 1CT/5X10BOX
EAN/UPC - Product	8711500950338
Order code	927906583014
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927906583014
Net Weight (Piece)	55.300 g
ILCOS Code	FSQ-18/30/1B-E-G24q=2

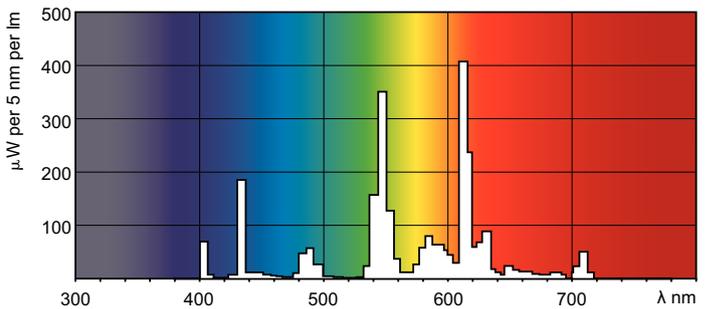
Dimensional drawing



PL-C Xtra 18W/830/4P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C Xtra 18W/ 830/4P 1CT/5X10BOX	27.1 mm	27.1 mm	109.7 mm	128.0 mm	142.9 mm

Photometric data

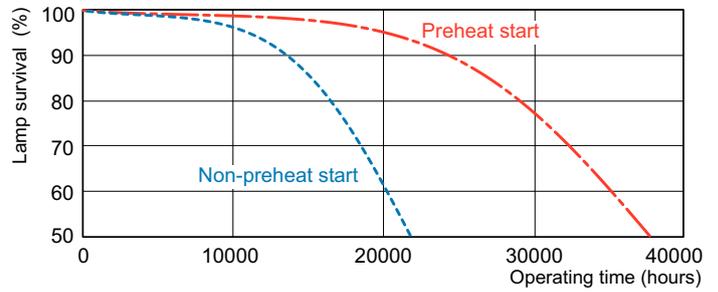
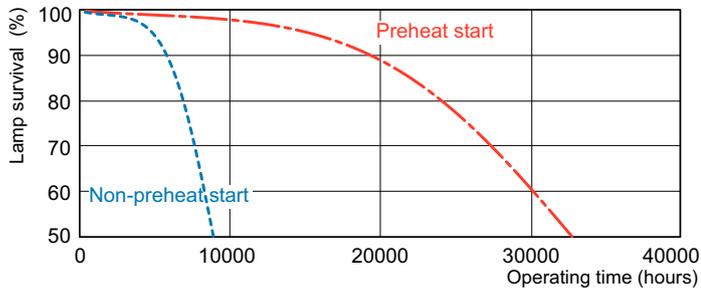


LDPB_PLC4PLTG_830-Spectral power distribution B/W

LDPO_PLC4PLTG_830-Spectral power distribution Colour

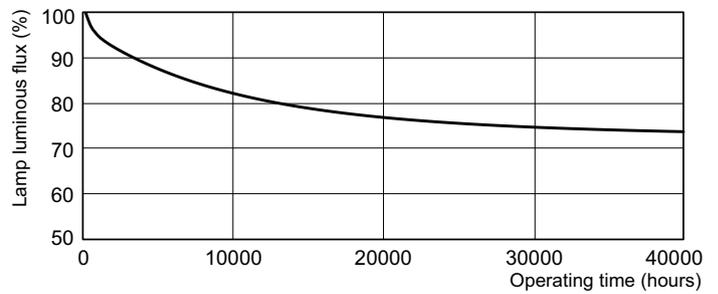
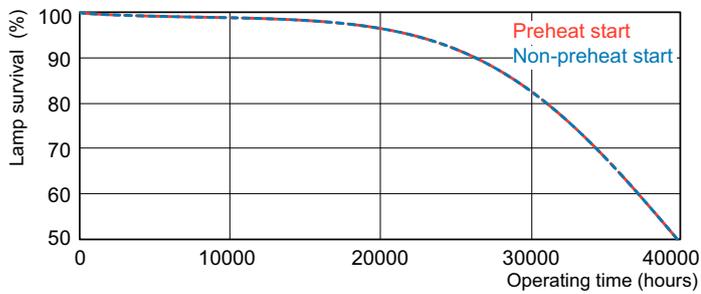
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Lifetime



LDLE_PLC4PLTG_0001-Life expectancy diagram

LDLE_PLC4PLTG_0002-Life expectancy diagram



LDLE_PLC4PLTG_0003-Life expectancy diagram

LDLM_PLC4PLTG_0001-Lumen maintenance diagram

