

MASTER PL-C Xtra 2 Pin

MASTER PL-C Xtra 18W/830/2P 1CT/5X10BOX

This 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 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base.

Product data

General Information	
Cap-Base	G24D-2 [G24d-2]
Life to 10% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	16000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	97 %
LSF 8000 h Rated	95 %
LSF 12000 h Rated	90 %
LSF 16000 h Rated	50 %

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
Luminous Efficacy (Rated) (Nom)	67 lm/W

Color Rendering Index (Nom)	>80
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %
LLMF 8000 h Rated	81 %
LLMF 12000 h Rated	79 %
LLMF 16000 h Rated	78 %
LLMF 20000 h Rated	77 %

Operating and Electrical	
Power (Rated) (Nom)	17.9 W
Lamp Current (Nom)	0.220 A

Temperature	
Design Temperature (Nom)	28 °C

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Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Cap-Base Information	2 Pins

Approval and Application	
Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	22 kWh

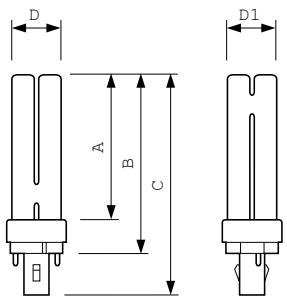
Product Data	
Full product code	871150089895170

Order product name	MASTER PL-C Xtra 18W/830/2P 1CT/5X10BOX
EAN/UPC - Product	8711500898951
Order code	927906483014
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927906483014
Net Weight (Piece)	57.800 g
ILCOS Code	FSQ-18/30/1B-I-G24d=2

Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position
- Dimming is not possible
- 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

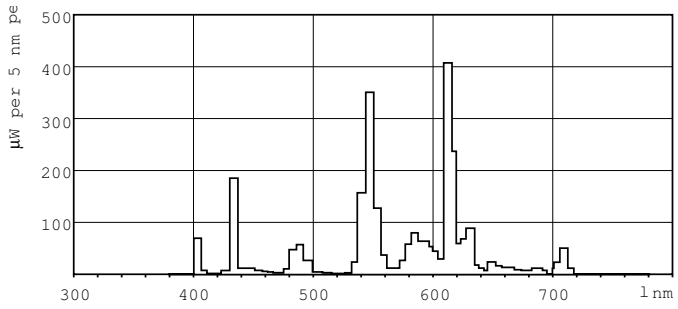


PL-C Xtra 18W/830/2P

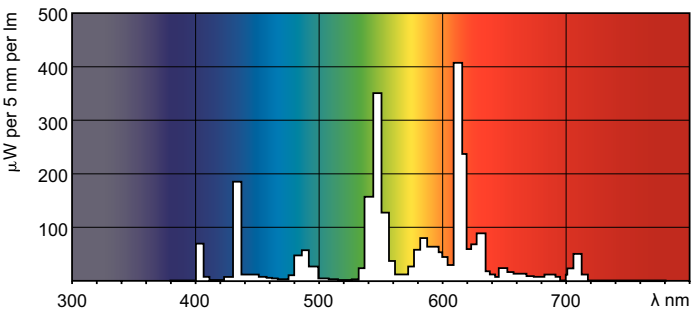
Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C Xtra 18W/830/2P 1CT/5X10BOX	27.1 mm	27.1 mm	109.7 mm	128.0 mm	150.4 mm

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Photometric data

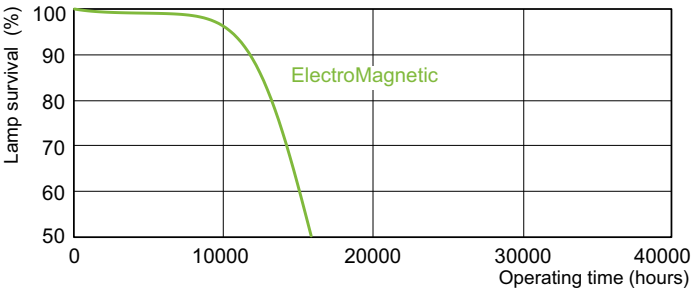


Lightcolor /830

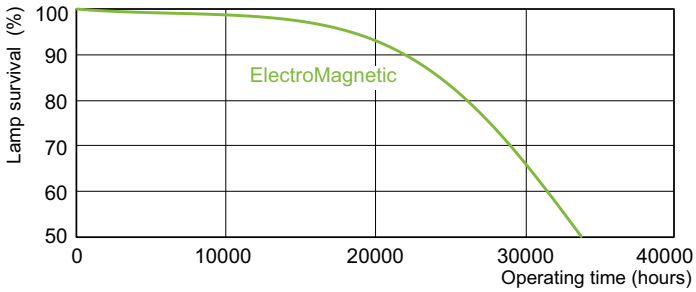


Lightcolor /830

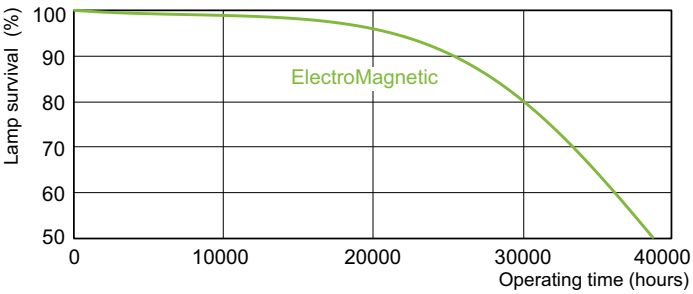
Lifetime



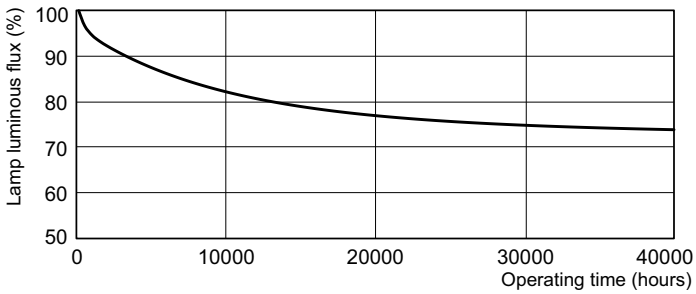
Life Expectancy 3 h cycle



Life Expectancy 12 h cycle



Life Expectancy 24 h cycle



Lumen Maintenance 3 h, 12 h + 24 h cycle

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