



# MASTER PL-C 4 Pin

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

MASTER PL-C is an efficient medium-wattage compact fluorescent lamp, typically used in general downlights for retail, hospitality and office applications. 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)	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 %
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)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %
LLMF 8000 h Rated	81 %
LLMF 12000 h Rated	81 %
Operating and Electrical	
Power (Nom)	16.5 W
Lamp Current (Nom)	0.230 A

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## Temperature

Design Temperature (Nom) 28 °C

## Controls and Dimming

Dimmable Yes

## Mechanical and Housing

Cap-Base Information 4 Pins

## Approval and Application

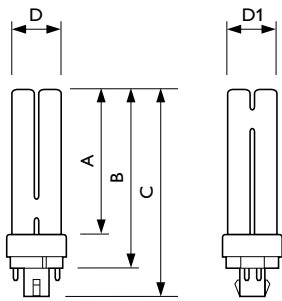
Mercury (Hg) Content (Nom) 1.4 mg

Energy Consumption kWh/1000 h 20 kWh

## Product Data

Full product code	871150062333100
Order product name	MASTER PL-C 18W/830/4P 1CT/5X10BOX
EAN/UPC - Product	8711500623331
Order code	927907283001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927907283001
Net Weight (Piece)	55.300 g
ILCOS Code	FSQ-18/30/1B-E-G24q=2

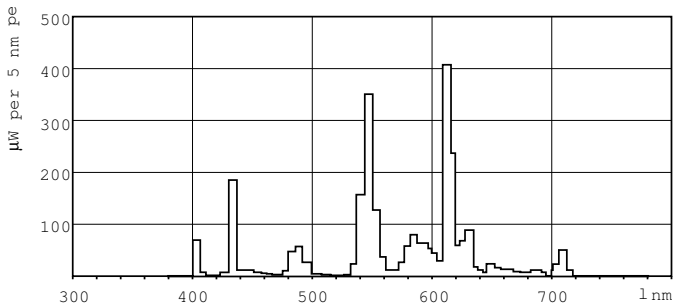
## Dimensional drawing



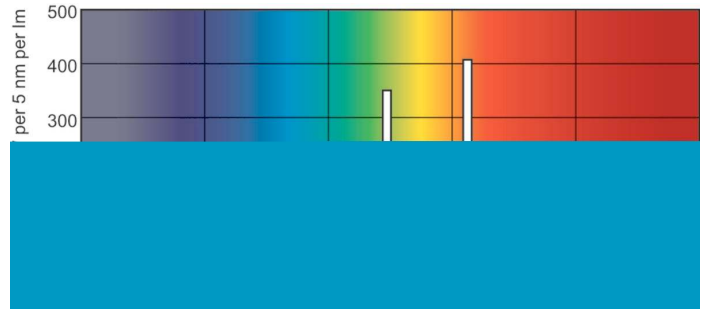
PL-C 18W/830/4P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 18W/830/4P 1CT/5X10CC	27.1 mm	27.1 mm	109.5 mm	128.0 mm	142.9 mm

## Photometric data



LDPB\_PLC4P\_830-Spectral power distribution B/W



LDPO\_PLC4P\_830-Spectral power distribution Colour

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## Lifetime



LDLE\_PLC4P\_0001-Life expectancy diagram

LDLE\_PLC4P\_0002-Life expectancy diagram



LDLM\_PLC4P\_0001-Lumen maintenance diagram

