



# MASTER PL-C 4 Pin

## MASTER PL-C 13W/827/4P 1CT/5X10CC

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-1 [ G24q-1]
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	827 [ CCT of 2700K]
Luminous Flux (Nom)	925 lm
Luminous Flux (Rated) (Nom)	925 lm
Color Designation	Incandescent White

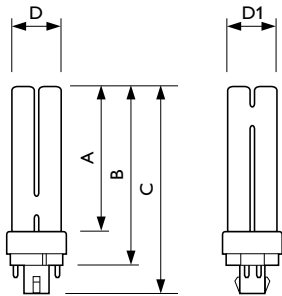
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	69 lm/W
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %
LLMF 8000 h Rated	81 %
Operating and Electrical	
Power (Nom)	13.0 W
Lamp Current (Nom)	0.170 A

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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	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	15 kWh

Product Data	
Full product code	871150062326300
Order product name	MASTER PL-C 13W/827/4P 1CT/5X10CC
EAN/UPC - Product	8711500623263
Order code	927907182701
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927907182701
Net Weight (Piece)	49.900 g
ILCOS Code	FSQ-13/27/1B-E-G24q=1

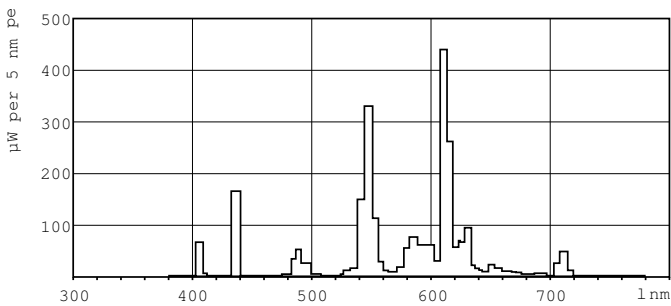
## Dimensional drawing



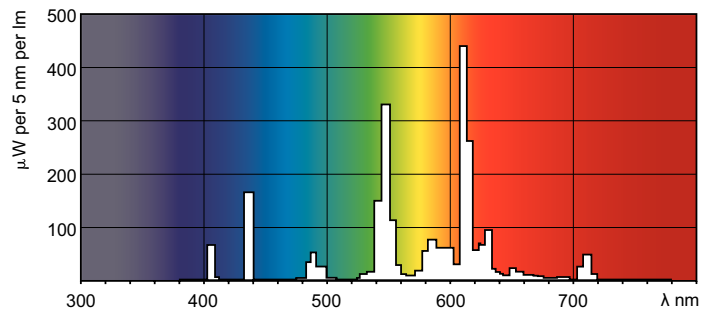
PL-C 13W/827/4P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 13W/827/4P 1CT/5X10CC	27.1 mm	27.1 mm	97.5 mm	117.0 mm	131.9 mm

## Photometric data



LDPB\_PLC4P\_827-Spectral power distribution B/W



LDPO\_PLC4P\_827-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

