



# MASTER PL-C 4 Pin

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

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.

### Product data

#### • General Characteristics

Cap-Base	G24q-1
Cap-Base Information	4P
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	13000 hr
Life to 50% fail Nonpreh EL,3h	7000 hr
Life to 10% fail Nonpreh EL,3h	4500 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% failures EM	6500 hr
LSF HF Preheat 12000h Rated,3h	60 %
LSF HF Preheat 8000h Rated,3h	90 %
LSF HF Preheat 6000h Rated,3h	97 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 2000h Rated,3h	99 %

#### • Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	82 Ra8
Color Designation (text)	Incandescent White
Color Temperature	2700 K
Chromaticity Coordinate X	455 -

Chromaticity Coordinate Y	415 -
Lum Efficacy Rated HF 25°C	72 Lm/W
Lum Efficacy Rated EM 25°C	69 Lm/W
LLMF HF 12000h Rated	81 %
LLMF HF 8000h Rated	84 %
LLMF HF 6000h Rated	86 %
LLMF HF 4000h Rated	88 %
LLMF HF 2000h Rated	92 %
Luminous Flux EM 25°C, Rated	900 Lm
Luminous Flux EL 25°C, Rated	900 Lm
Luminous Flux EL 25°C, Nominal	900 Lm
Luminous Flux EM 25°C, Nominal	900 Lm
Design Temperature	28 C

#### • Electrical Characteristics

Lamp Wattage	13 W
Lamp Voltage EL 25°C	77 V
Lamp Current EL 25°C	0.165 A
Dimmable	Yes
Lamp Current EM 25°C	0.175 A



# MASTER PL-C 4 Pin

Lamp Wattage EM 25°C, Rated	13.0 W
Lamp Wattage EL 25°C, Rated	12.5 W
Lamp Wattage EL 25°C, Nominal	13 W
Lamp Voltage EM 25°C	91 V

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg

### • Product Dimensions

Base Face to Base Face A	97.7 (max) mm
Insertion Length B	116.0 (max) mm
Overall Length C	130.9 (max) mm
Diameter D	27.1 (max) mm

Diameter D1 27.1 (max) mm

### • Product Data

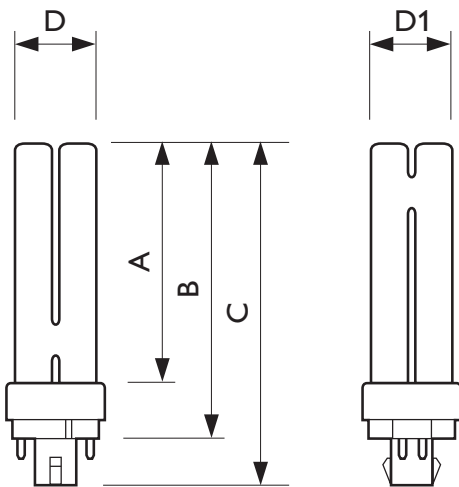
Order code	927905208280
Full product code	927905208280
Full product name	MASTER PL-C 13W/827/4P 1CT
Order product name	MASTER PL-C 13W/827/4P 1CT/ 5X10BOX
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500623263
Bar code on inter- mediate packing - EAN2	8711500624116
Bar code on outerbox - EAN3	8711500715715
Logistic code(s) - 12NC	927905208280
ILCOS code	FSQ-13/27/1B-E-G24q=1
Net weight per piece	49.900 gr

## 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

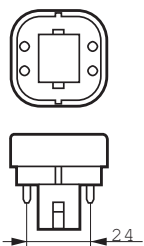
- Shorter lamp life when often switching and not well pre-heated electrodes

## Dimensional drawing



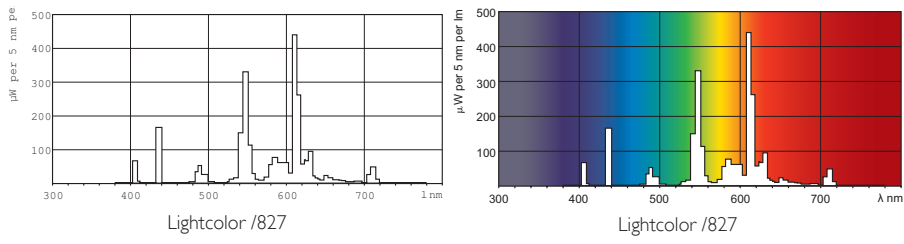
### G24q-1/G24q-2/G24q-3, 4P

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 13W/827/4P	97.7	116.0	130.9	27.1	27.1



G24q-1

Photometric data



© 2011 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2011, December 21  
data subject to change