



# 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 10% fail	8000 hr
Preheat EL,3h	
Life to 50% fail	13000 hr
Preheat EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	98 %
4000h Rated,3h	
LSF HF Preheat	97 %
6000h Rated,3h	
LSF HF Preheat	90 %
8000h Rated,3h	
LSF HF Preheat	60 %
12000h Rated,3h	

Lum Efficacy Rated	74 Lm/W
HF 25°C	
LLMF HF 2000h	92 %
Rated	
LLMF HF 4000h	88 %
Rated	
LLMF HF 6000h	86 %
Rated	
LLMF HF 8000h	84 %
Rated	
LLMF HF 12000h	81 %
Rated	
Design Temperature	28 C
Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

#### • Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	83 Ra8
Color Designation (text)	Incandescent White
Color Temperature	2700 K
Luminous Flux EM	925 Lm
25°C, Rated	
Luminous Flux EM	925 Lm
25°C, Nominal	
Luminous Flux EL	925 Lm
25°C, Rated	
Luminous Flux EL	925 Lm
25°C, Nominal	
Lum Efficacy Rated	69 Lm/W
EM 25°C	

#### • Electrical Characteristics

Lamp Wattage	13 W
Lamp Wattage EM	13.0 W
25°C, Rated	
Lamp Wattage EL	12.5 W
25°C, Rated	
Lamp Wattage EL	13 W
25°C, Nominal	
Lamp Voltage EM	95 V
25°C	
Lamp Voltage EL	77 V
25°C	
Lamp Current EM	0.170 A
25°C	
Lamp Current EL	0.170 A
25°C	
Dimmable	Yes



# MASTER PL-C 4 Pin

## • Environmental Characteristics

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

## • 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	927907182701
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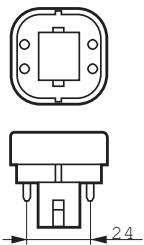
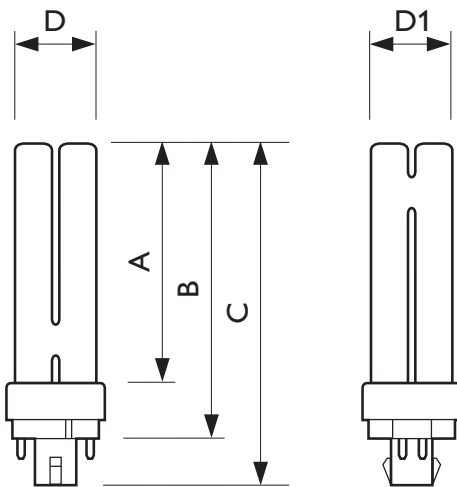
Full product code	927907182701
Full product name	MASTER PL-C 13W/827/4P 1CT
Order product name	MASTER PL-C 13W/827/4P 1CT/5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500623263
Bar code on intermediate packing - EAN2	8711500271853
Bar code on outerbox - EAN3	8711500715715
Logistic code(s) - 12NC	927907182701
ILCOS code	FSQ-13/27/1B-E-G24q=1
Net weight per piece	0.060 kg

## 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

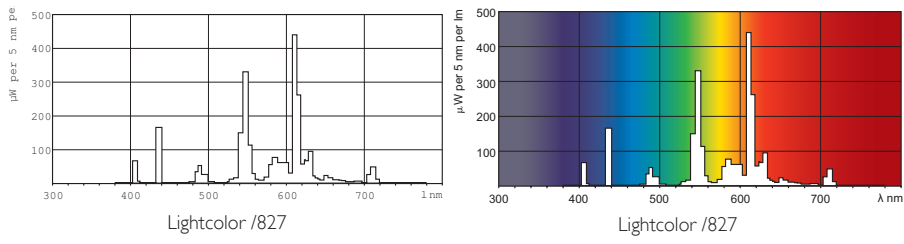


G24q-1

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

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

Photometric data



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data subject to change