



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% failures EM	6500 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	13000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 6000h Rated,3h	97 %
LSF HF Preheat 8000h Rated,3h	90 %
LSF HF Preheat 12000h Rated,3h	60 %

Luminous Flux EL 25°C, Nominal	925 Lm
Lum Efficacy Rated EM 25°C	69 Lm/W
Lum Efficacy Rated HF 25°C	74 Lm/W
LLMF HF 2000h Rated	92 %
LLMF HF 4000h Rated	88 %
LLMF HF 6000h Rated	86 %
LLMF HF 8000h Rated	84 %
LLMF HF 12000h Rated	81 %
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 25°C, Rated	925 Lm
Luminous Flux EM 25°C, Nominal	925 Lm
Luminous Flux EL 25°C, Rated	925 Lm

• Electrical Characteristics

Lamp Wattage	13 W
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	95 V
Lamp Voltage EL 25°C	77 V
Lamp Current EM 25°C	0.170 A



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Lamp Current EL 25°C 0.170 A
Dimmable Yes

• Environmental Characteristics

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

• 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

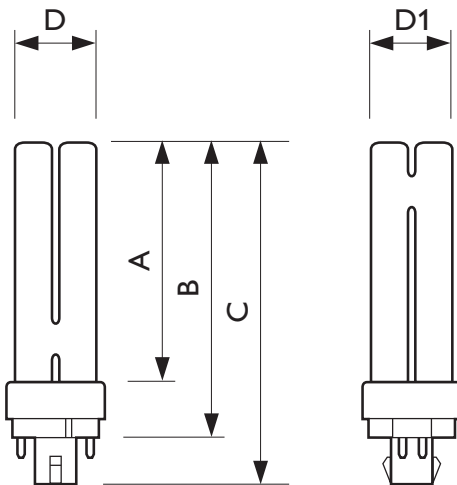
Order code 927907182740
Full product code 927907182740
Full product name MASTER PL-C 13W/827/4P 1CT
Order product name MASTER PL-C 13W/827/4P 1CT/5X10CC
Pieces per pack 1
Packing configuration 5X10CC
Packs per outerbox 50
Bar code on pack - EAN1 8711500623263
Bar code on intermediate packing - EAN2 8711500624116
Bar code on outerbox - EAN3 8711500715715
Logistic code(s) - 12NC 927907182740
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

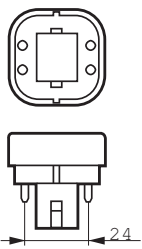
- Shorter lamp life when often switching and not well pre-heated electrodes

Dimensional drawing



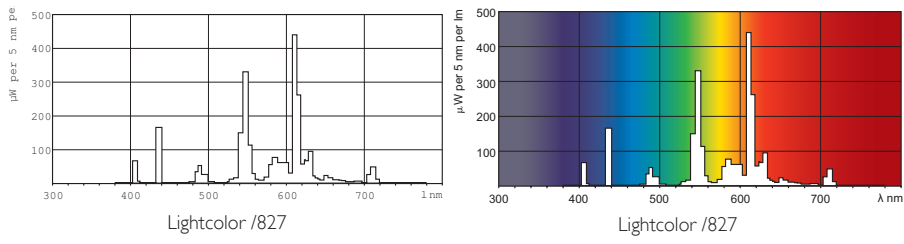
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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 13W/827/4P	97.7	116.0	130.9	27.1	27.1



G24q-1

Photometric data



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www.philips.com/lighting

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data subject to change