



MASTER PL-C 4 Pin

MASTER PL-C 13W/830/4P 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	95 %
LSF HF Preheat 8000h Rated,3h	90 %
LSF HF Preheat 12000h Rated,3h	80 %
LSF HF Preheat 16000h Rated,3h	65 %
LSF HF Preheat 20000h Rated,3h	50 %

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	83 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EM 25°C, Rated	900 Lm

Luminous Flux EM 25°C, Nominal	900 Lm
Luminous Flux EL 25°C, Rated	900 Lm
Luminous Flux EL 25°C, Nominal	900 Lm
Lum Efficacy Rated EM 25°C	69 Lm/W
Lum Efficacy Rated HF 25°C	72 Lm/W
LLMF HF 2000h Rated	99 %
LLMF HF 4000h Rated	88 %
LLMF HF 6000h Rated	85 %
LLMF HF 8000h Rated	83 %
Design Temperature	28 C
Chromaticity Coordinate X	440 -
Chromaticity Coordinate Y	403 -

• 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	95 V



MASTER PL-C 4 Pin

Lamp Current EM 25°C	0.170 A
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 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

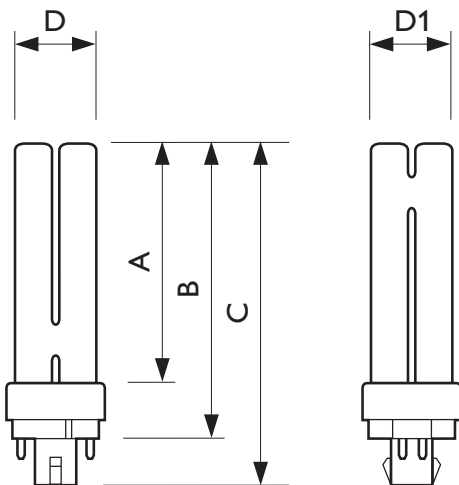
Order code	927907183040
Full product code	927907183040
Full product name	MASTER PL-C 13W/830/4P 1CT
Order product name	MASTER PL-C 13W/830/4P 1CT/5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500623317
Bar code on intermediate packing - EAN2	8711500624147
Bar code on outerbox - EAN3	8711500715722
Logistic code(s) - 12NC	927907183040
ILCOS code	FSQ-13/30/1B-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

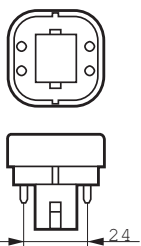
- Shorter lamp life when often switching and not well pre-heated electrodes

Dimensional drawing



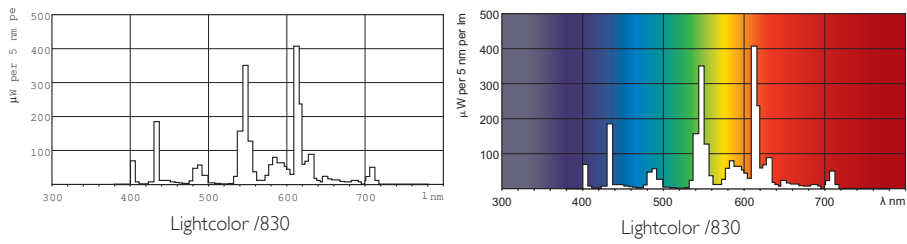
MASTER PL-C 13W/830/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 13W/830/4P	97.7	116.0	130.9	27.1	27.1



G24q-1

Photometric data



© 2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

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

www.philips.com/lighting

2013, October 9
data subject to change