



MASTER PL-C 4 Pin

MASTER PL-C 10W/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 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	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Chromaticity Coordinate X	435 -

Chromaticity Coordinate Y	400 -
Lum Efficacy Rated HF 25°C	63 Lm/W
Lum Efficacy Rated EM 25°C	63 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	580 Lm
Luminous Flux EL 25°C, Rated	600 Lm
Luminous Flux EL 25°C, Nominal	600 Lm
Luminous Flux EM 25°C, Nominal	580 Lm
Design Temperature	28 C

• Electrical Characteristics

Lamp Wattage	10 W
Lamp Voltage EL 25°C	51 V
Lamp Current EL 25°C	0.190 A
Dimmable	Yes
Lamp Current EM 25°C	0.190 A



MASTER PL-C 4 Pin

Lamp Wattage EM 25°C, Rated	10.0 W
Lamp Wattage EL 25°C, Rated	9.5 W
Lamp Wattage EL 25°C, Nominal	10 W
Lamp Voltage EM 25°C	64 V

• Environmental Characteristics

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

• Product Dimensions

Base Face to Base Face A	75.7 (max) mm
Insertion Length B	94.0 (max) mm
Overall Length C	108.9 (max) mm
Diameter D	27.1 (max) mm

Diameter D1	27.1 (max) mm
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• Product Data

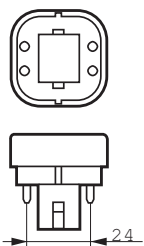
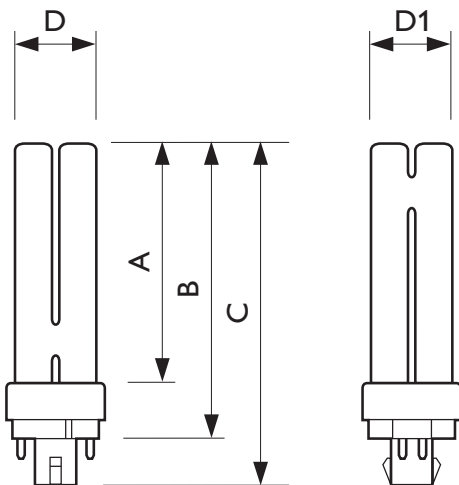
Order code	927903708380
Full product code	927903708380
Full product name	MASTER PL-C 10W/830/4P 1CT
Order product name	MASTER PL-C 10W/830/4P 1CT/ 5X10BOX
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500623294
Bar code on inter- mediate packing - EAN2	8711500624055
Bar code on outerbox - EAN3	8711500711021
Logistic code(s) - 12NC	927903708380
ILCOS code	FSQ-10/30/1B-E-G24q=1
Net weight per piece	41.400 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

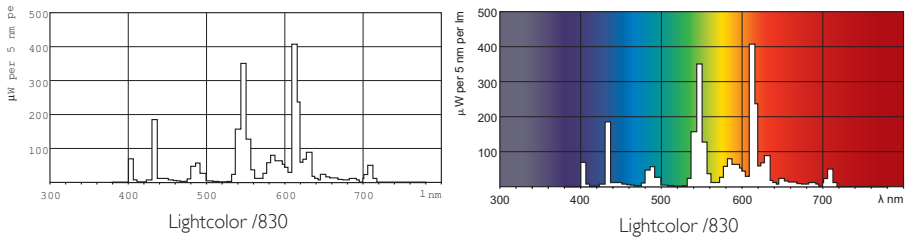


G24q-1

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

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 10W/830/4P	75.7	94.0	108.9	27.1	27.1

Photometric data



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www.philips.com/lighting

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data subject to change