

# MASTER PL-C 4 Pin

## MASTER PL-C 18W/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-2
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	1200 Lm
Lum Efficacy Rated EM 25°C	66 Lm/W
Lum Efficacy Rated HF 25°C	66 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	440 -
Chromaticity Coordinate Y	403 -

#### • 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	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Luminous Flux EL 25°C, Rated	1200 Lm

#### • Electrical Characteristics

Lamp Wattage	18 W
Lamp Wattage EM 25°C, Rated	16.0 W
Lamp Wattage EL 25°C, Rated	16.5 W
Lamp Wattage EL 25°C, Nominal	18 W
Lamp Voltage EM 25°C	95 V
Lamp Voltage EL 25°C	95 V
Lamp Current EM 25°C	0.230 A



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Lamp Current EL 25°C	0.230 A
Dimmable	Yes

### • Environmental Characteristics

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

### • Product Dimensions

Base Face to Base Face A	109.7 (max) mm
Insertion Length B	128.0 (max) mm
Overall Length C	142.9 (max) mm
Diameter D	27.1 (max) mm
Diameter D1	27.1 (max) mm

### • Product Data

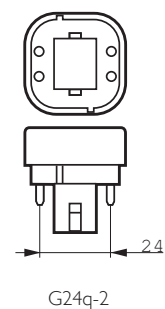
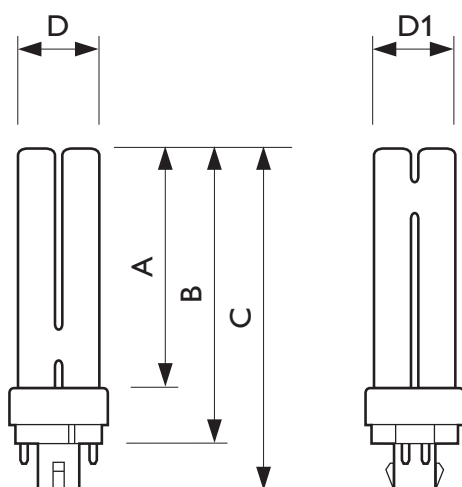
Order code	927907283001
Full product code	927907283001
Full product name	MASTER PL-C 18W/830/4P 1CT
Order product name	MASTER PL-C 18W/830/4P 1CT/ 5X10CC
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500623331
Bar code on inter- mediate packing - EAN2	8711500271891
Bar code on outerbox - EAN3	8711500715890
Logistic code(s) - 12NC	927907283001
ILCOS code	FSQ-18/30/1B-E-G24q=2
Net weight per piece	0.066 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

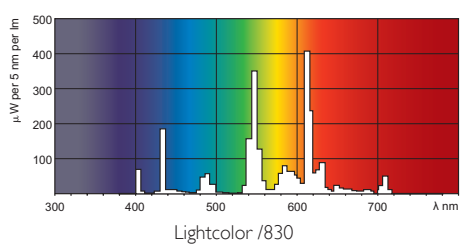
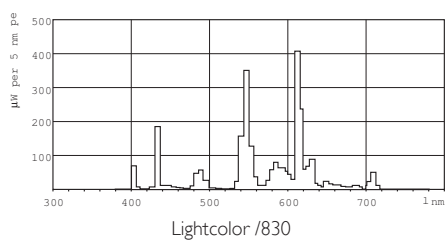
## Dimensional drawing



### MASTER PL-C 18W/830/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 18W/830/4P	109.7	128.0	142.9	27.1	27.1

## Photometric data



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2013, March 30  
data subject to change