



# MASTER PL-C 2 Pin

## MASTER PL-C 18W/827/2P 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 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base.

### Product data

#### • General Characteristics

Cap-Base	G24d-2
Cap-Base Information	2P
Life to 10% failures EM	6500 hr
Life to 50% failures EM	10000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	98 %
LSF EM 6000h Rated, 3h cycle	92 %
LSF EM 8000h Rated, 3h cycle	78 %

#### • Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	82 Ra8
Color Designation (text)	Incandescent White
Color Temperature	2700 K
Luminous Flux EM 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Lum Efficacy Rated EM 25°C	67 Lm/W
LLMF EM 2000h Rated	92 %
LLMF EM 4000h Rated	87 %
LLMF EM 6000h Rated	84 %

LLMF EM 8000h Rated	81 %
Design Temperature	28 C
Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

#### • Electrical Characteristics

Lamp Wattage	18 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Wattage EM 25°C, Rated	17.9 W
Lamp Voltage EM 25°C	95 V
Lamp Current EM 25°C	0.230 A
Dimmable	No

#### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	22 kWh

#### • Product Dimensions

Base Face to Base Face A	109.7 (max) mm
Insertion Length B	128.0 (max) mm
Overall Length C	150.4 (max) mm
Diameter D	27.1 (max) mm



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Diameter D1 27.1 (max) mm

• **Product Data**

Order code 927905782740  
 Full product code 927905782740  
 Full product name MASTER PL-C 18W/827/2P 1CT  
 Order product name MASTER PL-C 18W/827/2P 1CT/  
 5X10CC  
 Pieces per pack 1  
 Packing configuration 5X10CC  
 Packs per outerbox 50

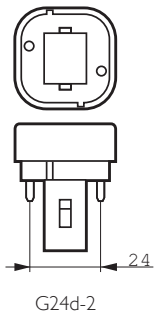
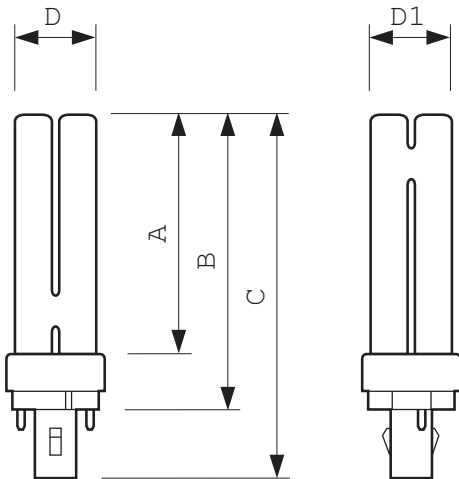
Bar code on pack - EAN1 8711500620880  
 Bar code on intermediate packing - EAN2 8711500621146  
 Bar code on outerbox - EAN3 8711500715760  
 Logistic code(s) - 12NC 927905782740  
 ILCOS code FSQ-18/27/1B-I-G24d=2  
 Net weight per piece 57.800 gr

## Warnings and Safety

- Use only with electromagnetic control gear
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position

- Dimming is not possible

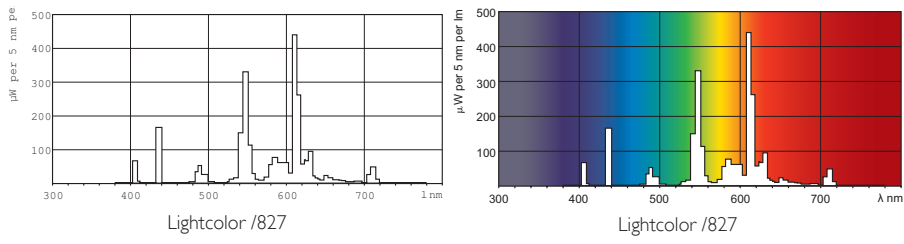
## Dimensional drawing



### MASTER PL-C 18W/827/2P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 18W/827/2P	109.7	128.0	150.4	27.1	27.1

Photometric data



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2014, April 10  
data subject to change