



# MASTER PL-C 2 Pin

MASTER PL-C 13W/830/2P 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-1
Cap-Base Information	2P
Life to 50% failures EM	10000 hr
Life to 10% failures EM	6500 hr
LSF EM 8000h Rated, 3h cycle	80 %
LSF EM 6000h Rated, 3h cycle	91 %
LSF EM 4000h Rated, 3h cycle	95 %
LSF EM 2000h Rated, 3h cycle	98 %

LLMF EM 2000h Rated	92 %
Luminous Flux EM 25°C, Rated	900 Lm
Luminous Flux EM 25°C, Nominal	900 Lm
Design Temperature	28 C

### • Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Chromaticity	435 -
Coordinate X	
Chromaticity	400 -
Coordinate Y	
Lum Efficacy Rated EM 25°C	69 Lm/W
LLMF EM 8000h Rated	81 %
LLMF EM 6000h Rated	83 %
LLMF EM 4000h Rated	87 %

### • Electrical Characteristics

Lamp Wattage	13 W
Dimmable	No
Lamp Current EM 25°C	0.175 A
Lamp Wattage EM 25°C, Rated	13.4 W
Lamp Wattage EM 25°C, Nominal	13 W
Lamp Voltage EM 25°C	91 V

### • Environmental Characteristics

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

### • Product Dimensions

Base Face to Base Face A	97.7 (max) mm
Insertion Length B	116.0 (max) mm
Overall Length C	138.4 (max) mm
Diameter D	27.1 (max) mm
Diameter D1	27.1 (max) mm



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# PHILIPS

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## MASTER PL-C 2 Pin

### • Product Data

Order code 620842 70  
 Full product code 871150062084270  
 Full product name MASTER PL-C 13W/830/2P 1CT  
 Order product name MASTER PL-C 13W/830/2P 1CT/  
 5X10BOX  
 Pieces per pack 1  
 Packing configuration 5X10CC  
 Packs per outerbox 50  
 Bar code on pack - EAN1 8711500620842

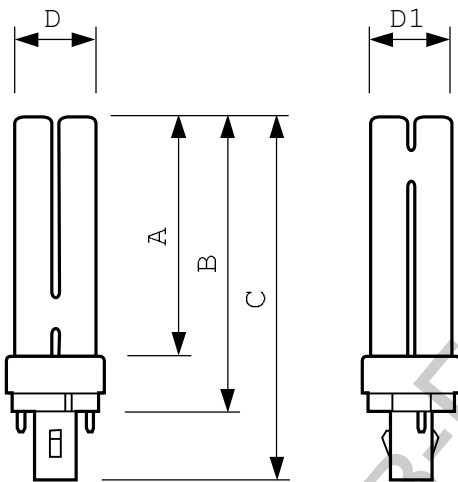
Bar code on intermediate packing - EAN2 8711500621085  
 Bar code on outerbox - EAN3 8711500715685  
 Logistic code(s) - 12NC 927905008382  
 ILCOS code FSQ-13/30/1B-I-G24d=1  
 Net weight per piece 53.600 gr

### 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

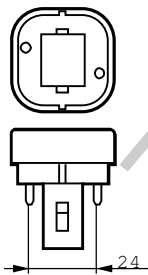
- Dimming is not possible

### Dimensional drawing



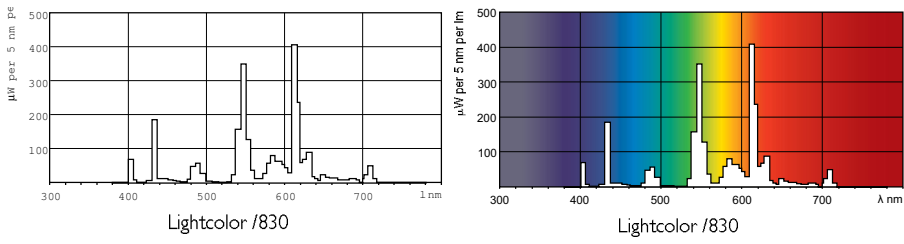
### G24d-1/G24d-2/G24d-3, 2P

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 13W/830/2P	97.7	116.0	138.4	27.1	27.1



G24d-1

Photometric data



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[www.philips.com/lighting](http://www.philips.com/lighting)

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data subject to change

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