



# MASTER PL-C 2 Pin

## MASTER PL-C 10W/827/2P 1CT/5X10BOX

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.

### 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
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

General Information	
Cap base	G24D-1 [ G24d-1]
Life to 10% failures (nom.)	6500 h
Life to 50% failures (nom.)	10000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	92 %
LSF 8000 h Rated	78 %
	Sphere
Light Technical	
Colour Code	827 [ CCT of 2,700 K]

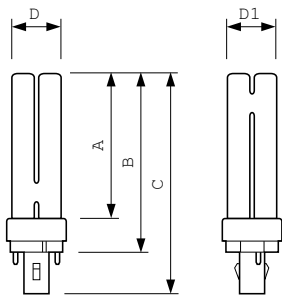
Luminous flux (nom.)	600 lm
Luminous flux (rated) (nom.)	600 lm
Colour designation	Incandescent White
Chromaticity coordinate X (nom.)	0.463
Chromaticity coordinate Y (nom.)	0.42
Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	60 lm/W
Colour rendering index (nom.)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %

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LLMF 8000 h Rated	81 %
<b>Operating and Electrical</b>	
Power (Rated) (Nom)	10.4 W
Lamp current (nom.)	0.190 A
<b>Temperature</b>	
Design temperature (nom.)	28 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Cap-base information	2P
<b>Approval and Application</b>	
Energy Efficiency Class	G

Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	11 kWh
	423273
<b>Product Data</b>	
Full product code	871150070681270
Order product name	MASTER PL-C 10W/827/2P 1CT/5X10BOX
EAN/UPC – product	8711500706812
Order code	70681270
SAP numerator – quantity per pack	1
Numerator – packs per outer box	50
SAP material	927903882740
SAP net weight (piece)	45.000 g
ILCOS code	FSQ-10/27/1B-I-G24d-1

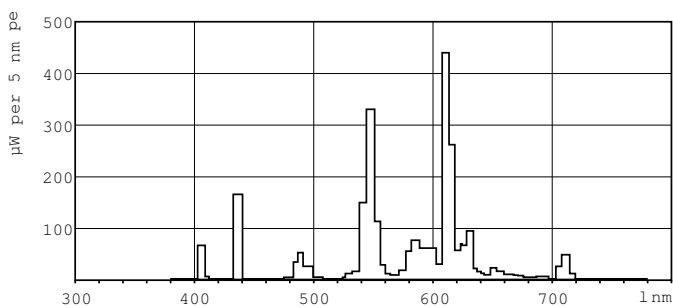
## Dimensional drawing



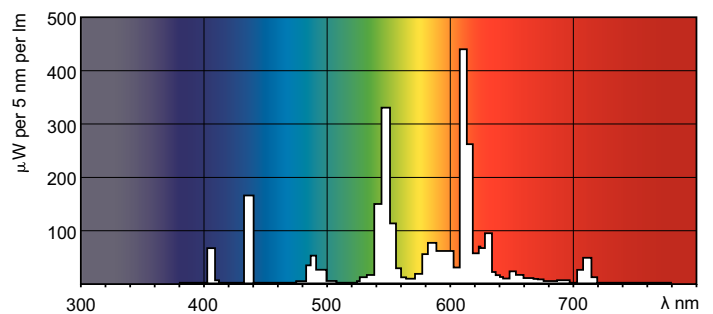
PL-C 10W/827/2P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 10W/827/2P 1CT/5X10BOX	27.1 mm	27.1 mm	75.5 mm	95.0 mm	117.4 mm

## Photometric data



LDPB\_PLC2P\_827-Spectral power distribution B/W



Lightcolour /827

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## Lifetime



LDLE\_PLC2P\_0001-Life expectancy diagram

LDLE\_PLC2P\_0002-Life expectancy diagram



LDLM\_PLC2P\_0001-Lumen maintenance diagram

