



# MASTER PL-C 2 Pin

## MASTER PL-C 18W/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.

### Product data

General Information	
Cap-Base	G24D-2 [ G24d-2]
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 %

Light Technical	
Color Code	827 [ CCT of 2700K]
Luminous Flux (Nom)	1200 lm
Luminous Flux (Rated) (Nom)	1200 lm
Color Designation	Incandescent White
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	67 lm/W
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %

LLMF 8000 h Rated	81 %
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Operating and Electrical	
Power (Nom)	17.9 W
Lamp Current (Nom)	0.230 A

Temperature	
Design Temperature (Nom)	28 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Cap-Base Information	2 Pins

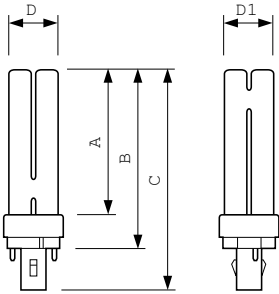
Approval and Application	
Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	22 kWh

# MASTER PL-C 2 Pin

Product Data	
Full product code	871150062088070
Order product name	MASTER PL-C 18W/827/2P 1CT/5X10BOX
EAN/UPC - Product	8711500620880
Order code	927905782740
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	50
Material Nr. (12NC)	927905782740
Net Weight (Piece)	57.800 g
ILCOS Code	FSQ-18/27/1B-I-G24d=2

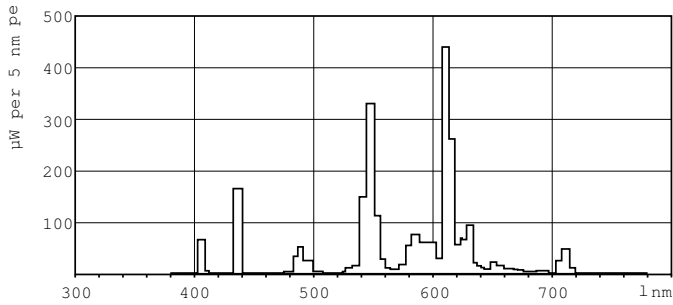
## Dimensional drawing



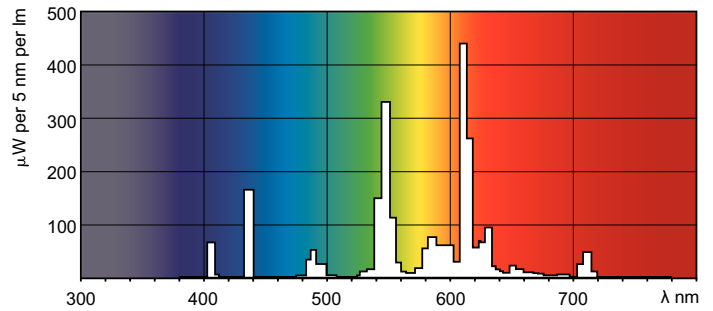
PL-C 18W/827/2P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 18W/827/2P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 mm

## Photometric data

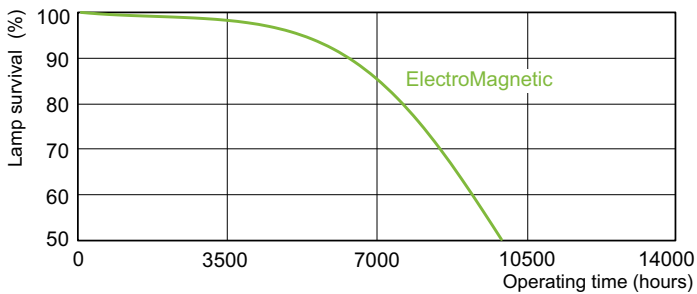


LDPB\_PLC2P\_827-Spectral power distribution B/W



LDPO\_PLC2P\_827-Spectral power distribution Colour

## Lifetime



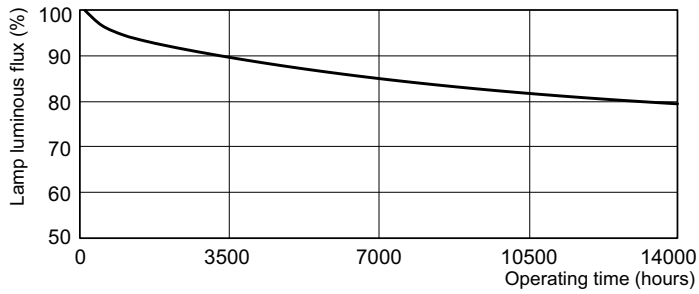
LDLE\_PLC2P\_0001-Life expectancy diagram



LDLE\_PLC2P\_0002-Life expectancy diagram

## MASTER PL-C 2 Pin

### Lifetime



LDLM\_PLC2P\_0001-Lumen maintenance diagram

