



MASTER PL-C 4 Pin

MASTER PL-C 18W/827/4P 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 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.

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
- 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	G24Q-2 [G24q-2]
Life to 50% failures preheat (nom.)	13000 h
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	98 %
LSF preheat 6,000 hours rated	97 %
LSF preheat 8,000 hours rated	90 %
Light Technical	
Colour Code	827 [CCT of 2,700 K]
Luminous flux (nom.)	1200 lm
Luminous flux (rated) (nom.)	1200 lm
Colour designation	Incandescent White

Correlated Colour Temperature (Nom)	2700 K
Luminous efficacy (rated) (nom.)	67 lm/W
Colour rendering index (nom.)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 6000 h Rated	83 %
LLMF 8000 h Rated	81 %
Operating and Electrical	
Power (Rated) (Nom)	16.5 W
Lamp current (nom.)	0.230 A

MASTER PL-C 4 Pin

Temperature

Design temperature (nom.)	28 °C
---------------------------	-------

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Cap-base information	4P
----------------------	----

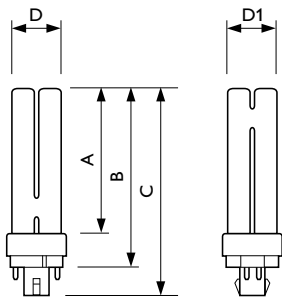
Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	20 kWh

Product Data

Full product code	871150062327070
Order product name	MASTER PL-C 18W/827/4P 1CT/5X10BOX
EAN/UPC – product	8711500623270
Order code	62327070
SAP numerator – quantity per pack	1
Numerator – packs per outer box	50
SAP material	927907282740
SAP net weight (piece)	55.300 g
ILCOS code	FSQ-18/27/1B-E-G24q=2

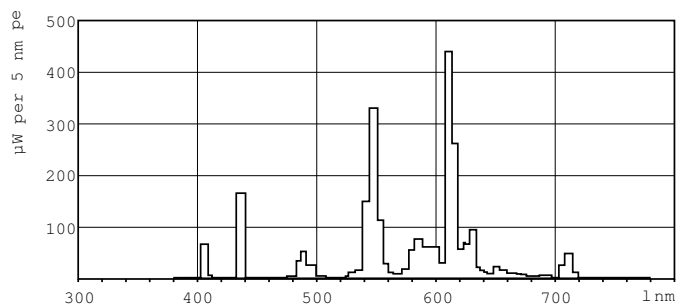
Dimensional drawing



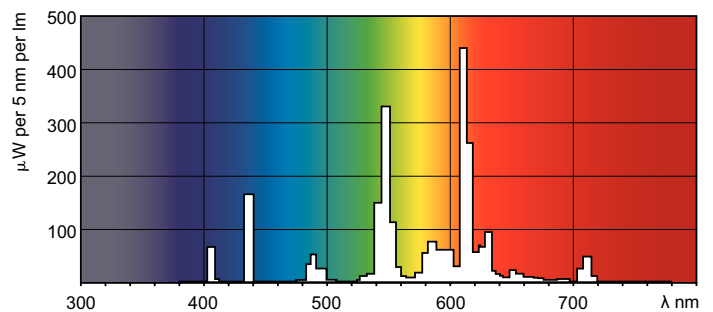
PL-C 18W/827/4P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 18W/827/4P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	142.9 mm

Photometric data



LDPB_PLC4P_827-Spectral power distribution B/W



Lightcolour /827

MASTER PL-C 4 Pin

Lifetime



LDLE_PLC4P_0001-Life expectancy diagram

LDLE_PLC4P_0002-Life expectancy diagram



LDLM_PLC4P_0001-Lumen maintenance diagram

