



MASTER PL-C 2 Pin



MASTER PL-C 18W/840/2P 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

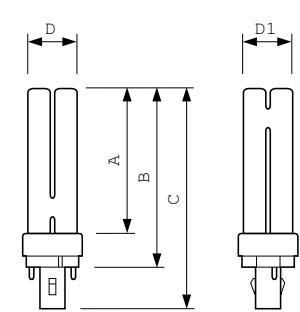
General information			
Cap-Base	G24D-2 [G24d-2]	Luminous Flux (Nom)	1200 lm
Life To 10% Failures (Nom)	6500 h	Luminous Flux (Rated) (Nom)	1200 lm
Life to 50% Failures (Nom)	10000 h	Color Designation	Cool White (CW)
LSF 2000 h Rated	99 %	Chromaticity Coordinate X (Nom)	0.38
LSF 4000 h Rated	98 %	Chromaticity Coordinate Y (Nom)	0.38
LSF 6000 h Rated	92 %	Correlated Color Temperature (Nom)	4000 K
LSF 8000 h Rated	78 %	Luminous Efficacy (rated) (Nom)	67 lm/W
Flux measurement reference	Sphere	Color Rendering Index (Nom)	80
Light technical		LLMF 2000 h Rated	92 %
Color Code	840 [CCT of 4000K]	LLMF 4000 h Rated	87 %
		LLMF 6000 h Rated	83 %

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LLMF 8000 h Rated	81 %
Operating and electrical	
Power (Nom)	18.3 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 Class	G

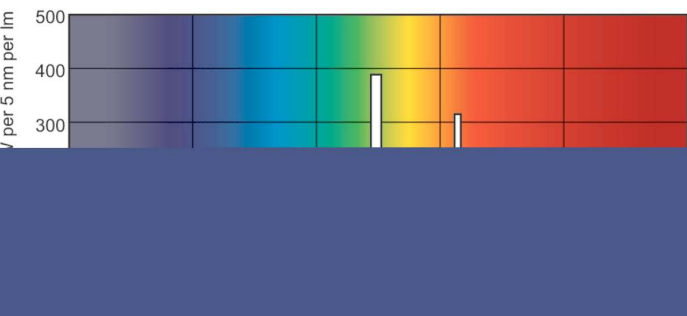
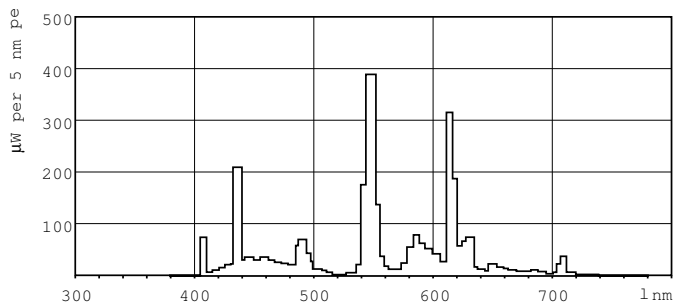
Mercury (Hg) Content (Max)	1.4 mg
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	19 kWh
EPREL Registration Number	423284
Product data	
Full product code	871150062093470
Order product name	MASTER PL-C 18W/840/2P 1CT/5X10BOX
EAN/UPC - Product	8711500620934
Order code	927905784040
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	50
Material Nr. (12NC)	927905784040
Net Weight (Piece)	57.800 g
ILCOS Code	FSQ-18/40/1B-I-G24d=2

Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-C 18W/840/2P 1CT/5X10BOX	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 mm

Photometric data

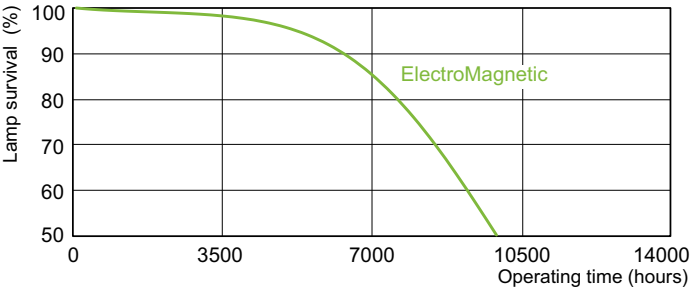


LDPB_PLC2P_840-Spectral power distribution B/W

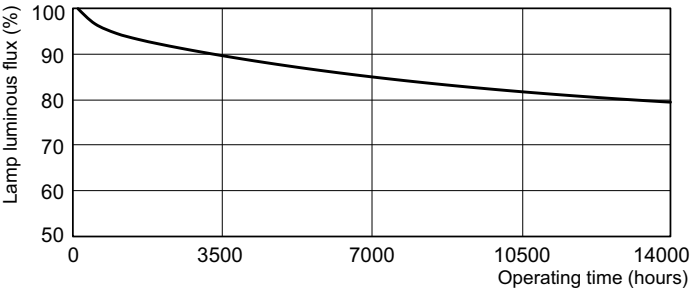
LDPO_PLC2P_840-Spectral power distribution Colour

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Lifetime



LDLE_PLC2P_0001-Life expectancy diagram



LDLE_PLC2P_0002-Life expectancy diagram

LDLM_PLC2P_0001-Lumen maintenance diagram

