



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			
	2700 K			
Correlated Color Temperature (Nom)	2700 K			
Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	2700 K 67 lm/W			
Luminous Efficacy (rated) (Nom)	67 lm/W			
Luminous Efficacy (rated) (Nom) Color Rendering Index (Nom)	67 lm/W 82			
Luminous Efficacy (rated) (Nom) Color Rendering Index (Nom) LLMF 2000 h Rated	67 lm/W 82 92 %			

LLMF 8000 h Rated	81 %
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)	В
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	22 kWh

Datasheet, 2020, March 19 data subject to change

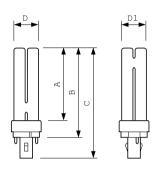
MASTER PL-C 2 Pin

Product Data	
Full product code	871150062088000
Order product name	MASTER PL-C 18W/827/2P 1CT/5X10BOX
EAN/UPC - Product	8711500620880
Order code	927905782701
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	50		
Material Nr. (12NC)	927905782701		
Net Weight (Piece)	57.800 g		
ILCOS Code	FSQ-18/27/1B-I-G24d=2		

Warnings and Safety

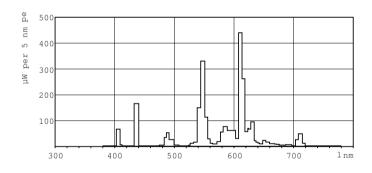
Dimensional drawing



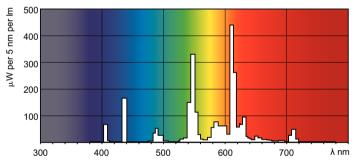
PL-C 18W/827/2P

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

Photometric data



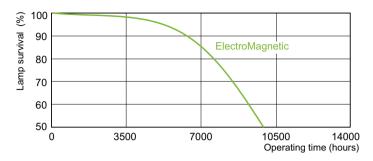
LDPB_PLC2P_827-Spectral power distribution B/W



LDPO_PLC2P_827-Spectral power distribution Colour

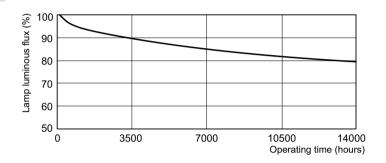
MASTER PL-C 2 Pin

Lifetime





LDLE_PLC2P_0001-Life expectancy diagram



LDLM_PLC2P_0001-Lumen maintenance diagram



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