PHILIPS Lighting



MASTER PL-S 2 Pin

MASTER PL-S 5W/840/2P 1CT/5X10BOX

MASTER PL-S is an efficient low-wattage compact fluorescent lamp, typically used for decorative and orientation purposes. 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
- \cdot 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

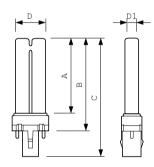
eneral Information		Luminous Flux (Rated) (Nom)	259 lm
ap-Base	G23 [G23]	Color Designation	Cool White (CW)
fe To 10% Failures (Nom)	6500 h	Correlated Color Temperature (Nom)	4000 K
ife to 50% Failures (Nom)	10000 h	Luminous Efficacy (rated) (Nom)	48 lm/W
SF 2000 h Rated	99 %	Color Rendering Index (Nom)	82
SF 4000 h Rated	98 %	LLMF 2000 h Rated	89 %
SF 6000 h Rated	95 %	LLMF 4000 h Rated	83 %
LSF 8000 h Rated	86 %	LLMF 6000 h Rated	80 %
		LLMF 8000 h Rated	77 %
Light Technical			
Color Code	840 [CCT of 4000K]	Operating and Electrical	
Luminous Flux (Nom)	250 lm	Power (Nom)	5.4 W

MASTER PL-S 2 Pin

Lamp Current (Nom)	0.180 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	7 kWh		
Product Data			
Full product code	871150026048270		
Order product name	MASTER PL-S 5W/840/2P 1CT/5X10BOX		
EAN/UPC - Product	8711500260482		
Order code	927935284011		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	50		
Material Nr. (12NC)	927935284011		
Net Weight (Piece)	22.000 g		
ILCOS Code	FSD-5/40/1B-I-G23		

Dimensional drawing



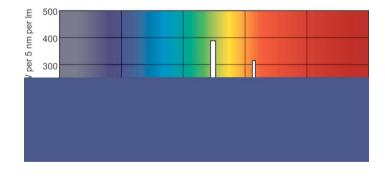
PL-S 5W/840/2P LM

Photometric data

 Product
 D (max)
 D (max)
 A (max)
 B (max)
 C (max)

 MASTER PL-S 5W/840/2P 1CT/
 28 mm
 13 mm
 67 mm
 83 mm
 105 mm

 SX10BOX
 28 mm
 13 mm
 67 mm
 105 mm



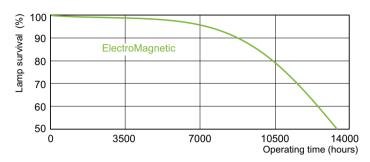
LDPB_PLS2PLM_840-Spectral power distribution B/W

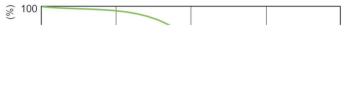
LDPO_PLS2PLM_840-Spectral power distribution Colour

MASTER PL-S 2 Pin

Lifetime

(%) > 100





LDLE_PLS2PLM_0001-Life expectancy diagram

LDLM_PLS2PLM_0001-Lumen maintenance diagram

LDLE_PLS2PLM_0002-Life expectancy diagram



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www.lighting.philips.com 2020, November 18 - data subject to change