



MASTER PL-S 4 Pin

MASTER PL-S 7W/830/4P 1CT

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 4-pin version is designed for operation on electronic gear and is provided with a plug-in/pull-out lamp base.

Product data

• General Characteristics

Cap-Base	2G7
Cap-Base Information	4P
Life to 10% fail	8000 hr
Preheat EL,3h	
Life to 10% fail	4500 hr
Nonpreh EL,3h	
Life to 50% fail	13000 hr
Preheat EL,3h	
Life to 50% fail	7000 hr
Nonpreh EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	98 %
4000h Rated,3h	
LSF HF Preheat	97 %
6000h Rated,3h	
LSF HF Preheat	92 %
8000h Rated,3h	
LSF HF Preheat	66 %
12000h Rated,3h	
LSF HF Preheat	30 %
16000h Rated,3h	

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EM 25°C, Rated	405 Lm
Luminous Flux EM 25°C, Nominal	400 Lm

Luminous Flux EL 25°C, Rated	405 Lm
Luminous Flux EL 25°C, Nominal	400 Lm
Lum Efficacy Rated EM 25°C	62 Lm/W
LLMF HF 2000h Rated	95 %
LLMF HF 4000h Rated	92 %
LLMF HF 6000h Rated	90 %
LLMF HF 8000h Rated	88 %
LLMF HF 12000h Rated	86 %
Design Temperature	28 C
Chromaticity Coordinate X	435 -
Chromaticity Coordinate Y	401 -

• Electrical Characteristics

Lamp Wattage	7 W
Lamp Wattage EM 25°C, Nominal	7 W
Lamp Wattage EM 25°C, Rated	7.1 W
Lamp Wattage EL 25°C, Rated	7.0 W
Lamp Wattage EL 25°C, Nominal	7 W
Lamp Voltage EM 25°C	46 V
Lamp Voltage EL 25°C	46 V



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Lamp Current EM 25°C	0.175 A
Lamp Current EL 25°C	0.175 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	8 kWh

• Product Dimensions

Base Face to Base Face A	96 (max) mm
Insertion Length B	113 (max) mm
Overall Length C	119.1 (max) mm
Diameter D	28 (max) mm
Diameter D1	13 (max) mm

• Product Data

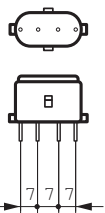
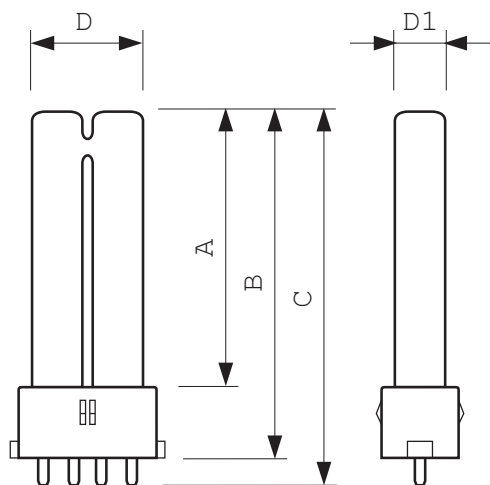
Order code	927935883011
Full product code	927935883011
Full product name	MASTER PL-S 7W/830/4P 1CT
Order product name	MASTER PL-S 7W/830/4P 1CT/5X10BOX
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500260734
Bar code on intermediate packing - EAN2	8711500260741
Bar code on outerbox - EAN3	8711500260758
Logistic code(s) - 12NC	927935883011
ILCOS code	FSD-7/30/1B-E-2G7
Net weight per piece	24.000 gr

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

Dimensional drawing

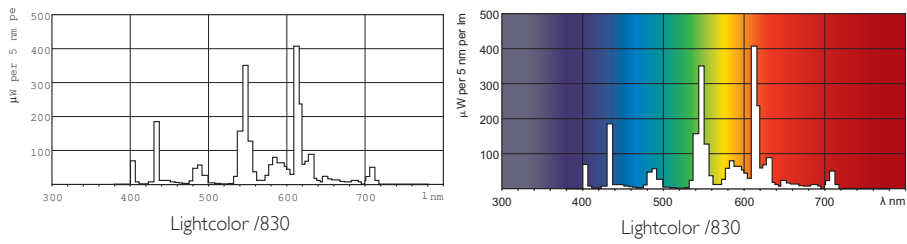


2G7

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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-S 7W/830/4P LM	96	113	119.1	28	13

Photometric data



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www.philips.com/lighting

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data subject to change