



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% failures EM	6500 hr
Life to 10% fail Preheat EL,3h	8000 hr
Life to 10% fail Nonpreh EL,3h	4500 hr
Life to 50% failures EM	10000 hr
Life to 50% fail Preheat EL,3h	13000 hr
Life to 50% fail Nonpreh EL,3h	7000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	98 %
LSF HF Preheat 6000h Rated,3h	97 %
LSF HF Preheat 8000h Rated,3h	92 %
LSF HF Preheat 12000h Rated,3h	66 %
LSF HF Preheat 16000h Rated,3h	30 %

• 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

MASTER PL-S 4 Pin

Lamp Voltage EM 25°C	46 V
Lamp Voltage EL 25°C	46 V
Lamp Current EM 25°C	0.175 A
Lamp Current EL 25°C	0.175 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency	A
Label (EEL)	
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

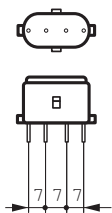
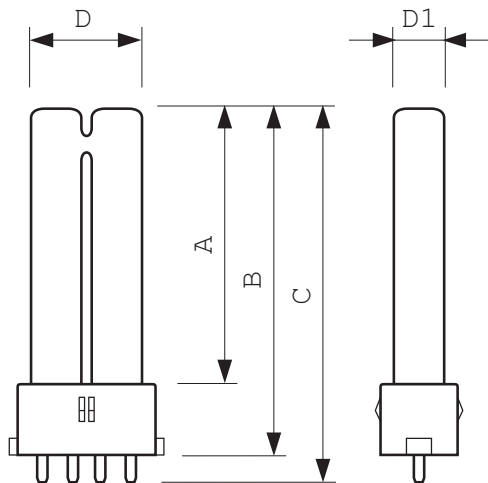
Order code	927935883011
Full product code	927935883011
Full product name	MASTER PL-S 7W/830/4P 1CT
Order product name	MASTER PL-S 7W/830/4P 1CT/ 5X10BOX
Pieces per pack	1
Packing configuration	5X10CC
Packs per outerbox	50
Bar code on pack - EAN1	8711500260734
Bar code on inter- mediate packing - EAN2	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

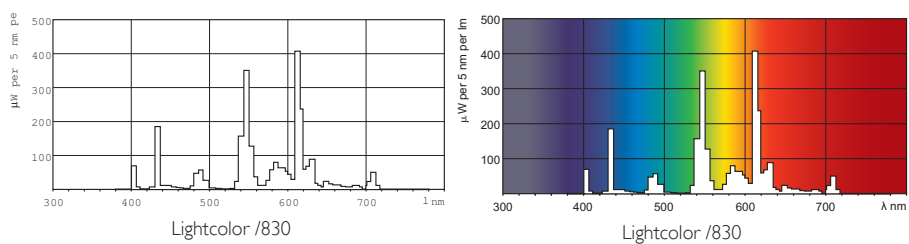


2G7

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

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



© 2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2013, October 9
data subject to change