



# MASTER PL-S 2 Pin

## MASTER PL-S 7W/830/2P 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 2-pin version is designed for operation on electromagnetic gear and is provided with a plug-in/pull-out lamp base

### Product data

#### • General Characteristics

Cap-Base	G23 [Two-Pin Compact Fluorescent; low preheat current; two retainers]
Cap-Base Information	2P
Life to 10% failures EM	6500 hr
Life to 50% failures EM	10000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	98 %
LSF EM 6000h Rated, 3h cycle	95 %
LSF EM 8000h Rated, 3h cycle	86 %

#### • 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
Lum Efficacy Rated EM 25°C	57 Lm/W
LLMF EM 2000h Rated	94 %
LLMF EM 4000h Rated	91 %
LLMF EM 6000h Rated	89 %

LLMF EM 8000h 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 Voltage EM 25°C	47 V
Lamp Current EM 25°C	0.175 A
Dimmable	No

#### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	9 kWh

#### • Product Dimensions

Base Face to Base Face A	97 (max) mm
Insertion Length B	113 (max) mm
Overall Length C	135 (max) mm
Diameter D	28 (max) mm



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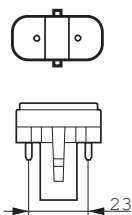
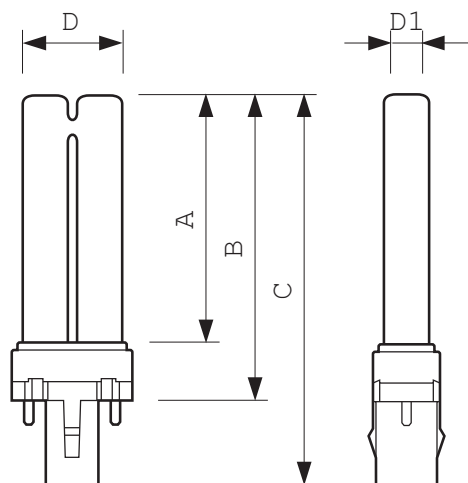
Diameter D1	13 (max) mm	Bar code on pack - EAN1	8711500260628
• Product Data		Bar code on intermediate packing - EAN2	8711500260635
Order code	927935683011	Bar code on outerbox - EAN3	8711500260642
Full product code	927935683011	Logistic code(s) - 12NC	927935683011
Full product name	MASTER PL-S 7W/830/2P 1CT	ILCOS code	FSD-7/30/1B-I-G23
Order product name	MASTER PL-S 7W/830/2P 1CT/5X10BOX	Net weight per piece	26.000 gr
Pieces per pack	1		
Packing configuration	5X10CC		
Packs per outerbox	50		

## 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

## Dimensional drawing

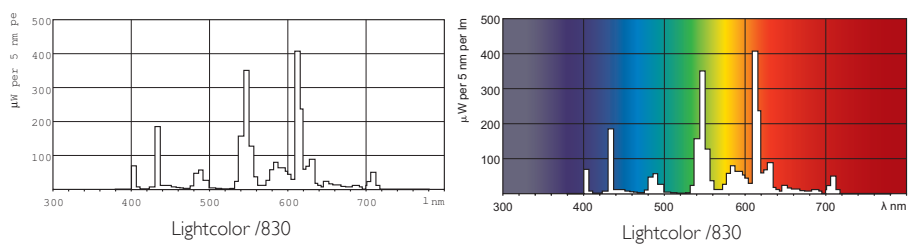


G23

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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-S 7W/830/2P LM	97	113	135	28	13

## Photometric data



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2013, October 9  
data subject to change