



# PL-S Short 2-Pin Base

## PL-S 13W/827/2P/ALTO

Philips Linear Compact Fluorescent Lamps offer designers, specifiers and end-users new levels of efficiencies and versatility in sizes, configurations and application possibilities. With so many elegant fixtures available to complement their small size, high light output and advanced technology, Philips Energy Advantage lamps are fast becoming the preferred choice when maximum efficiency and sleek design solutions are required.

### Warnings and Safety

· Lamp contains mercury. Manage in Accord with Disposal Laws. See: [www.lamprecycle.org](http://www.lamprecycle.org) or 1-800-555-0050

### Product data

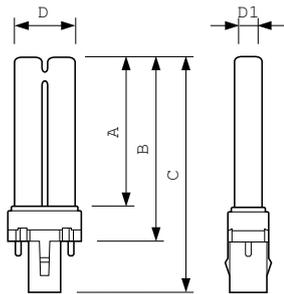
General Information		LLMF 8000 h Rated	
Base	GX23 [ GX23]		86 %
Life To 10% Failures (Nom)	6500 h	Operating and Electrical	
Life to 50% Failures (Nom)	10000 h	Power (Rated) (Nom)	13 W
LSF 2000 h Rated	99 %	Lamp Current (Nom)	0.290 A
LSF 4000 h Rated	98 %	Temperature	
LSF 6000 h Rated	95 %	Design Temperature (Nom)	28 °C
LSF 8000 h Rated	86 %	Controls and Dimming	
Light Technical		Dimmable	No
Color Code	827 [ CCT of 2700K]	Mechanical and Housing	
Initial lumen (Nom)	825 lm	Cap-Base Information	2P
Color Designation	Incandescent White	Approval and Application	
Correlated Color Temperature (Nom)	2700 K	Energy Efficiency Label (EEL)	B
Color Rendering Index (Nom)	82		
LLMF 2000 h Rated	94 %		
LLMF 4000 h Rated	91 %		
LLMF 6000 h Rated	89 %		

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Mercury (Hg) Content (Nom)	1.4 mg
<b>Product Data</b>	
Order product name	PL-S 13W/827/2P/ALTO
EAN/UPC - Product	046677146818
Order code	146811
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	927902782721
Net Weight (Piece)	35.000 g
ILCOS Code	FSD-13/27/1B-I-GX23

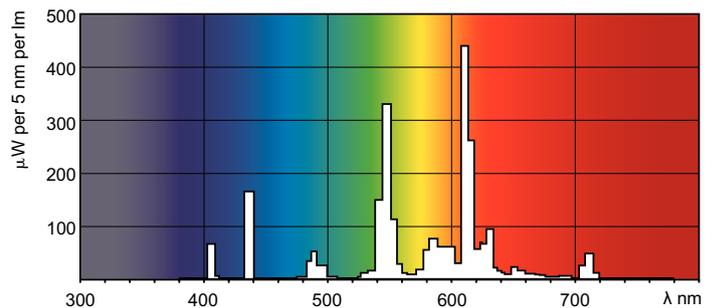
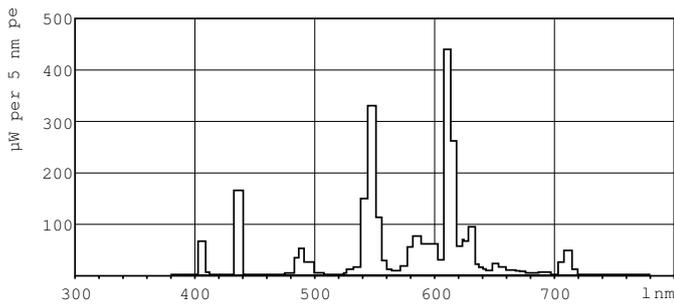
## Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
PL-S 13W/827/2P/ALTO	28 mm	13 mm	139.5 mm	155.2 mm	177.7 mm

PL-S ALTO 13W/827/2P

## Photometric data

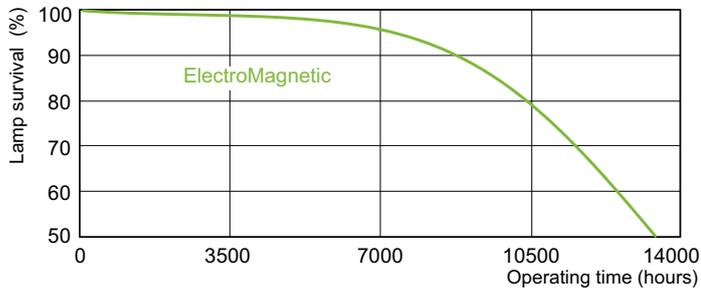


LDPB\_PLS2PLM\_827-Spectral power distribution B/W

LDPO\_PLS2PLM\_827-Spectral power distribution Colour

## PL-S Short 2-Pin Base

### Lifetime



LDLE\_PLS2PLM\_0002-Life expectancy diagram

LDLE\_PLS2PLM\_0001-Life expectancy diagram



LDLM\_PLS2PLM\_0001-Lumen maintenance diagram

