



# PL-S Short 2-Pin Base

## PL-S 13W/850/2P/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.

### Product data

General Information		Lamp Current (Nom)	
Cap-Base	GX23 [ GX23]		0.290 A
Life to 10% Failures (Nom)	0 h	Temperature	
Life to 50% Failures (Nom)	10000 h	Design Temperature (Nom)	28 °C
LSF 2000 h Rated	99 %	Controls and Dimming	
LSF 4000 h Rated	98 %	Dimmable	No
LSF 6000 h Rated	95 %	Mechanical and Housing	
LSF 8000 h Rated	86 %	Cap-Base Information	2P
Light Technical		Approval and Application	
Color Code	850 [ CCT of 5000K]	Energy Efficiency Label (EEL)	B
Initial lumen (Nom)	810 lm	Mercury (Hg) Content (Nom)	1.4 mg
Color Designation	Daylight	Product Data	
Correlated Color Temperature (Nom)	5000 K	Order product name	PL-S 13W/850/2P/ALTO
Color Rendering Index (Nom)	82	EAN/UPC - Product	046677146870
LLMF 2000 h Rated	94 %	Order code	146878
LLMF 4000 h Rated	91 %	Numerator - Quantity Per Pack	1
LLMF 6000 h Rated	89 %	Numerator - Packs per outer box	10
LLMF 8000 h Rated	86 %	Material Nr. (12NC)	927902785021
Operating and Electrical			
Power (Rated) (Nom)	13 W		

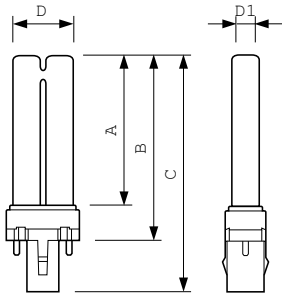
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Net Weight (Piece)	35.000 g
ILCOS Code	FSD-13/50/1B-I-GX23

## 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

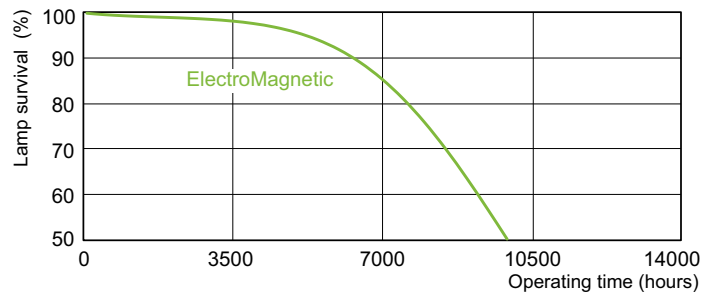
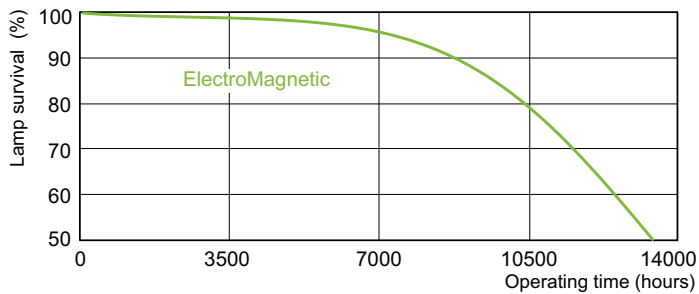
## Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
PL-S 13W/850/2P/ALTO	28 mm	13 mm	139.5 mm	155.2 mm	177.7 mm

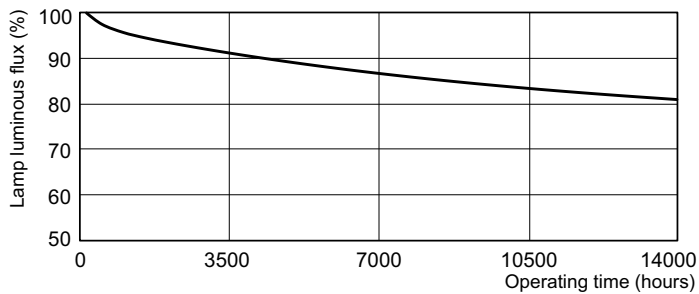
PL-S ALTO 13W/850/2P

## Lifetime



Life Expectancy 12 h cycle

Life Expectancy 3 h cycle



Lumen Maintenance 3 h + 12 h cycle

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