



# PL-S Short 2-Pin Base

## PL-S 13W/830/2P/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	
Base	GX23 [ GX23]
Life To 10% Failures (Nom)	0 h
Life to 50% Failures (Nom)	10000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	98 %
LSF 6000 h Rated	95 %
LSF 8000 h Rated	86 %
Light Technical	
Color Code	830 [ CCT of 3000K]
Initial lumen (Nom)	825 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	94 %
LLMF 4000 h Rated	91 %
LLMF 6000 h Rated	89 %
LLMF 8000 h Rated	86 %

Operating and Electrical	
Power (Rated) (Nom)	13 W
Lamp Current (Nom)	0.290 A
Temperature	
Design Temperature (Nom)	28 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Cap-Base Information	2P
Approval and Application	
Energy Efficiency Label (EEL)	B
Mercury (Hg) Content (Nom)	1.4 mg
Product Data	
Order product name	PL-S 13W/830/2P/ALTO
EAN/UPC - Product	046677146832
Order code	146837

## PL-S Short 2-Pin Base

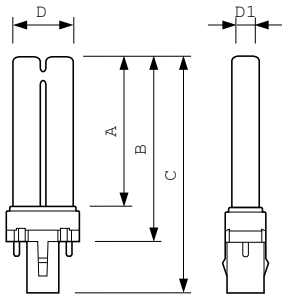
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927902783021
Net Weight (Piece)	35.000 g

ILCOS Code	FSD-13/30/1B-I-GX23
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### 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

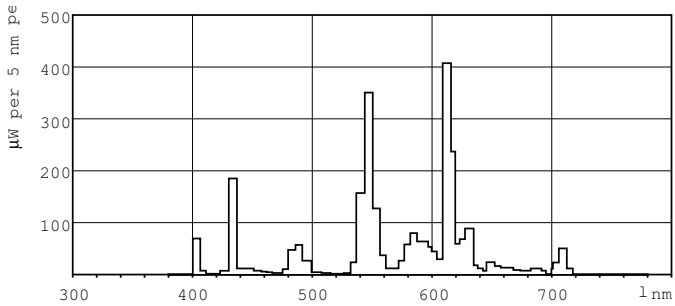
### Dimensional drawing



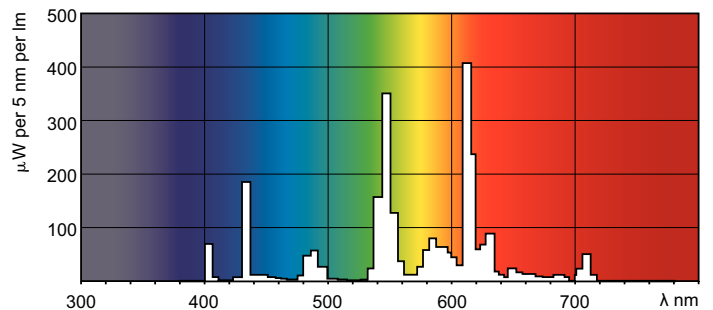
PL-S ALTO 13W/830/2P

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
PL-S 13W/830/2P/ALTO	28 mm	13 mm	139.5 mm	155.2 mm	177.7 mm

### Photometric data



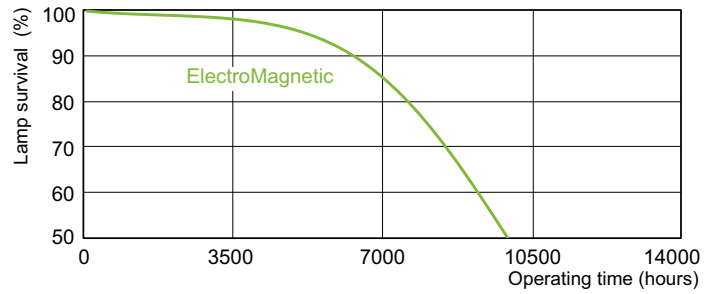
Lightcolor /830



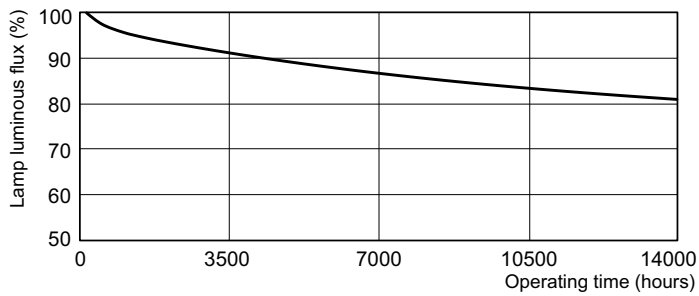
Lightcolor /830

# PL-S Short 2-Pin Base

## Lifetime



### Life Expectancy 12 h cycle



### Life Expectancy 3 h cycle

### Lumen Maintenance 3 h + 12 h cycle

