



PL-S Short 2-Pin Base

PL-S ALTO 7W/827 G23/2P 1CT

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 Characteristics

Base	G23 [Two-Pin Compact Fluorescent; low preheat current; two retainers]
Base Information	2P
Life to 10% failures EM	6500 hr
Avg. Life	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	827 [CCT of 2700K]
Color Rendering Index	82 Ra8
Color Designation	Incandescent White
Color Temperature	2700 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	455 -
Chromaticity Coordinate Y	417 -

• Electrical Characteristics

Watts	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

• 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
Diameter D1	13 (max) mm

PHILIPS

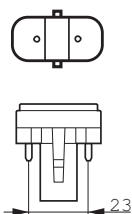
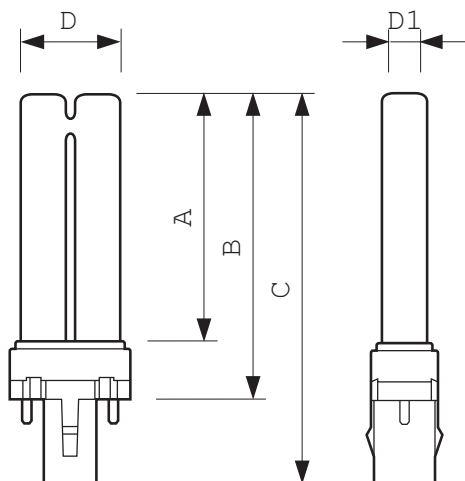
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• Product Data

Product number 148718
 Full product name PL-S ALTO 7W/827 G23/2P 1CT
 Short product name PL-S 7W/827/2P/ALTO 10PK
 Pieces per Sku 1
 eop_pck_cfg 10

Skus/Case 10
 Bar code on pack 46677148713
 Bar code on case 50046677148718
 Logistics code(s) 927901282721
 tpd_ilcos_cd FSD-7/27/1B-I-G23
 eop_net_weight_pp 26.000 gr

Dimensional drawing

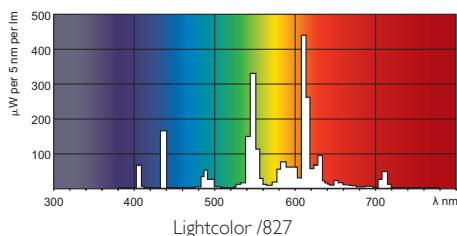
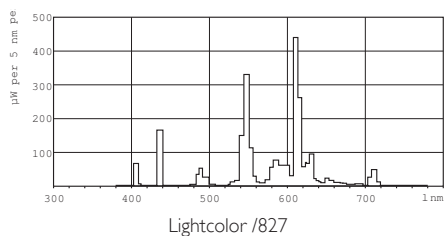


G23

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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-S ALTO 7W/827/2P	97	113	135	28	13

Photometric data



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www.philips.com/lighting

2014, April 10
 data subject to change