



PL-C Cluster 2-Pin Base

PL-C ALTO 13W/827 GX23-2/P 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	GX23-2
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	92 %
LSF EM 8000h Rated, 3h cycle	78 %

• 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	800 Lm
Luminous Flux EM 25°C, Nominal	800 Lm
Lum Efficacy Rated EM 25°C	62 Lm/W
LLMF EM 2000h Rated	92 %
LLMF EM 4000h Rated	87 %
LLMF EM 6000h Rated	84 %
LLMF EM 8000h Rated	81 %
Design Temperature	28 C

Chromaticity Coordinate X	458 -
Chromaticity Coordinate Y	418 -

• Electrical Characteristics

Watts	13 W
Lamp Wattage EM 25°C, Nominal	13 W
Lamp Wattage EM 25°C, Rated	12.7 W
Lamp Voltage EM 25°C	56 V
Lamp Current EM 25°C	0.290 A
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg

• Product Dimensions

Base Face to Base Face A	80.7 (max) mm
Insertion Length B	99.0 (max) mm
Overall Length C	121.6 (max) mm
Diameter D	27.1 (max) mm
Diameter D1	27.1 (max) mm

• Product Data

Product number	383109
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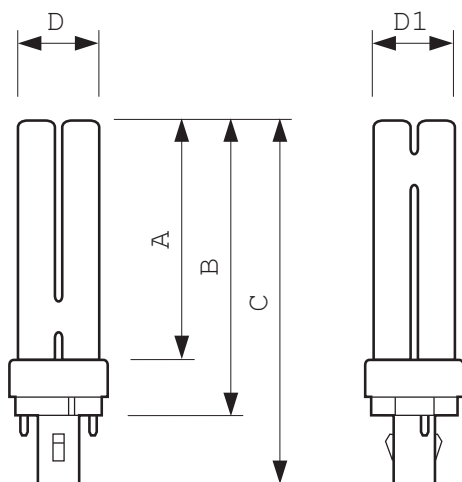
PHILIPS

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Full product name PL-C ALTO 13W/827 GX23-2/2P
1CT
Short product name PL-C ALTO 13W/827 GX23-2 /2P
1CT
Pieces per Sku 1
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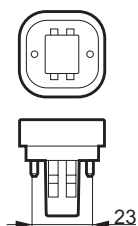
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Dimensional drawing



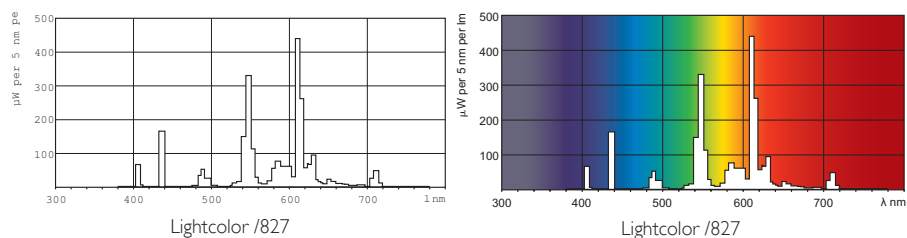
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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C ALTO 13W/827/2P	80.7	99.0	121.6	27.1	27.1



GX23-2

Photometric data



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data subject to change