



# PL-C Cluster 2-Pin Base

# PL-C 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 effciency and sleek design solutions are required.

### **Product data**

General Information			
Base	GX23-2 [ GX23-2]		
Life To 10% Failures (Nom)	6500 h		
Life to 50% Failures (Nom)	10000 h		
LSF 2000 h Rated	99 %		
LSF 4000 h Rated	98 %		
LSF 6000 h Rated	92 %		
LSF 8000 h Rated	78 %		
Light Technical			
Color Code	827 [ CCT of 2700K]		
Initial lumen (Nom)	800 lm		
Luminous Flux (Rated) (Nom)	800 lm		
Color Designation	Incandescent White		
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	62 lm/W		
Color Rendering Index (Nom)	82		
LLMF 2000 h Rated	92 %		
LLMF 4000 h Rated	87 %		

LLMF 6000 h Rated	84 %
LLMF 8000 h Rated	81 %
Operating and Electrical	
Power (Rated) (Nom)	12.7 W
Lamp Current (Nom)	0.285 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)	А

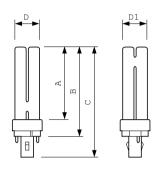
Datasheet, 2020, March 19 data subject to change

## PL-C Cluster 2-Pin Base

Mercury (Hg) Content (Nom)	1.4 mg		
Product Data			
Order product name	PL-C ALTO 13W/827 GX23-2 /2P 1CT		
EAN/UPC - Product	046677109530		
Order code	383109		

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	927904982730
Net Weight (Piece)	49.900 g

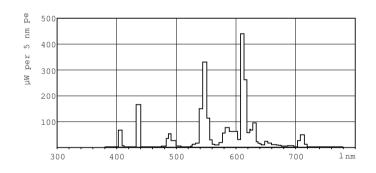
### Dimensional drawing



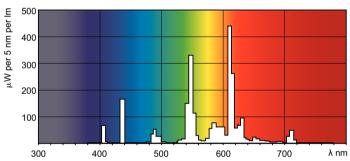
PL-C	ALTO.	13W	/227	/2D

# Product D (max) D1 (max) A (max) B (max) C (max) PL-C ALTO 13W/827 27.1 mm 27.1 mm 80.7 mm 99.0 mm 121.6 mm GX23-2 / 2P 1CT 27.1 mm 27.1 mm

#### Photometric data

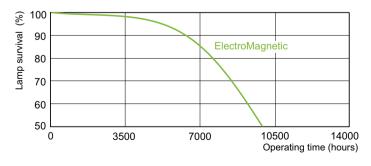


LDPB\_PLC2P\_827-Spectral power distribution B/W



LDPO\_PLC2P\_827-Spectral power distribution Colour

### Lifetime



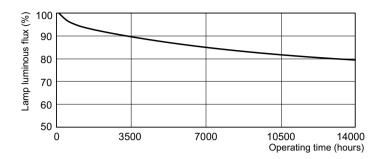




LDLE\_PLC2P\_0002-Life expectancy diagram

## PL-C Cluster 2-Pin Base

### Lifetime



LDLM\_PLC2P\_0001-Lumen maintenance diagram



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