



# 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.

### **Warnings and Safety**

· Lamp contains mercury. Manage in Accord with Disposal Laws. See: www.lamprecycle.org or 1-800-555-0050

### **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			
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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

Datasheet, 2021, March 1 data subject to change

# PL-C Cluster 2-Pin Base

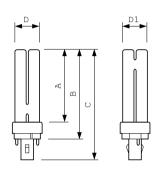
Mechanical and Housing		
Cap-Base Information	2P	
Approval and Application		
Energy Efficiency Label (EEL)	А	
Mercury (Hg) Content (Nom)	1.4 mg	
Product Data		

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

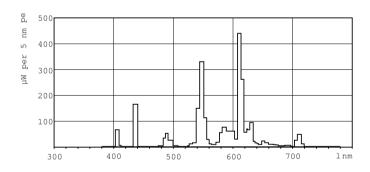
Order product name



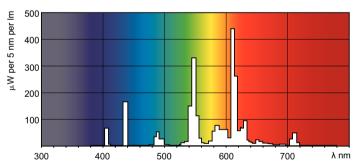
Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
PL-C ALTO 13W/827	27.1 mm	27.1 mm	80.7 mm	99.0 mm	121.6 mm
GX23-2 /2P 1CT					

### PL-C ALTO 13W/827/2P

## Photometric data



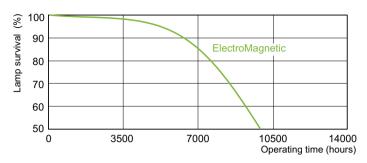




LDPO\_PLC2P\_827-Spectral power distribution Colour

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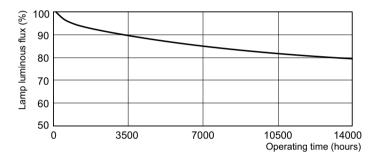
### Lifetime





### LDLE\_PLC2P\_0001-Life expectancy diagram





LDLM\_PLC2P\_0001-Lumen maintenance diagram



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