



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 efficiency 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		Color Rendering Index (Nom)	
Base	GX23-2 [GX23-2]		82
Life To 10% Failures (Nom)	6500 h	LLMF 2000 h Rated	92 %
Life to 50% Failures (Nom)	10000 h	LLMF 4000 h Rated	87 %
LSF 2000 h Rated	99 %	LLMF 6000 h Rated	84 %
LSF 4000 h Rated	98 %	LLMF 8000 h Rated	81 %
LSF 6000 h Rated	92 %		
LSF 8000 h Rated	78 %		
Light Technical		Operating and Electrical	
Color Code	827 [CCT of 2700K]	Power (Rated) (Nom)	12.7 W
Initial lumen (Nom)	800 lm	Lamp Current (Nom)	0.285 A
Luminous Flux (Rated) (Nom)	800 lm		
Color Designation	Incandescent White	Temperature	
Correlated Color Temperature (Nom)	2700 K	Design Temperature (Nom)	28 °C
Luminous Efficacy (rated) (Nom)	62 lm/W		
		Controls and Dimming	
		Dimmable	No

PL-C Cluster 2-Pin Base

Mechanical and Housing

Cap-Base Information	2P
----------------------	----

Approval and Application

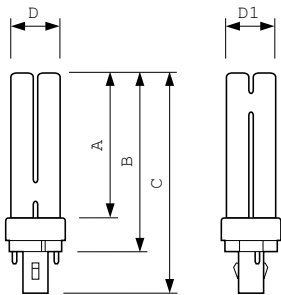
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg

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

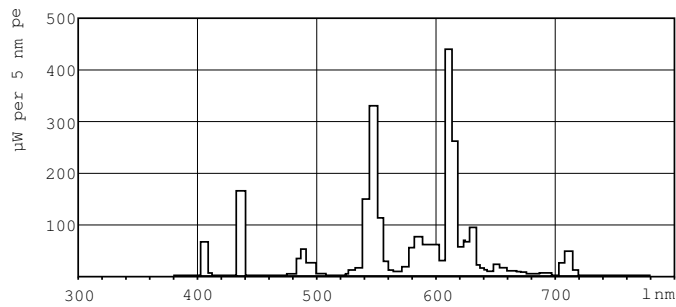
Dimensional drawing



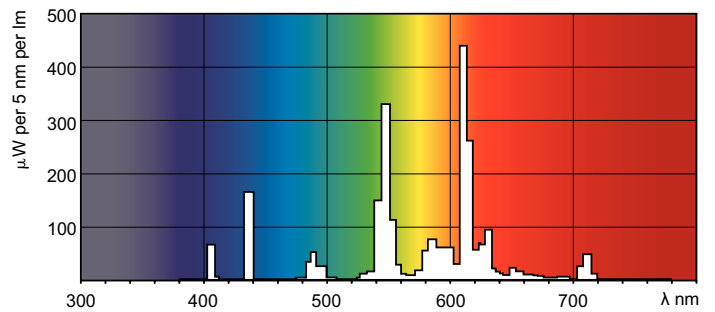
Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
PL-C ALTO 13W/827 GX23-2 /2P 1CT	27.1 mm	27.1 mm	80.7 mm	99.0 mm	121.6 mm

PL-C ALTO 13W/827/2P

Photometric data



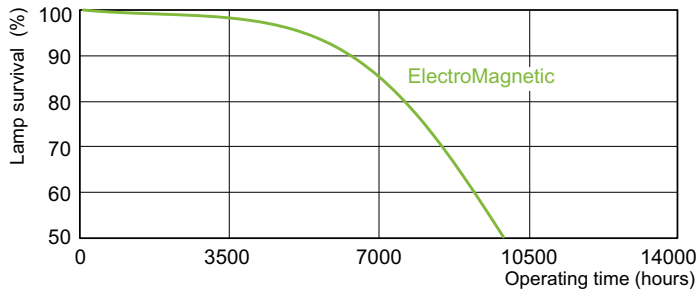
LDPB_PLC2P_827-Spectral power distribution B/W



LDPO_PLC2P_827-Spectral power distribution Colour

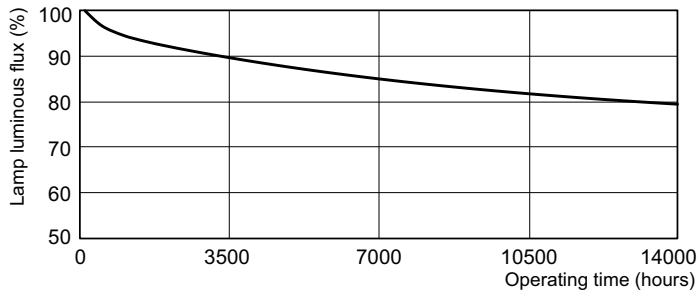
PL-C Cluster 2-Pin Base

Lifetime



LDLE_PLC2P_0001-Life expectancy diagram

LDLE_PLC2P_0002-Life expectancy diagram



LDLM_PLC2P_0001-Lumen maintenance diagram

