



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)	A				

Datasheet, 2019, December 13 data subject to change

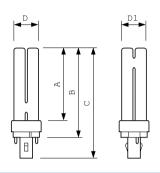
PL-C Cluster 2-Pin Base

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

Warnings and Safety

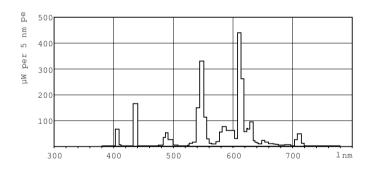
Dimensional drawing



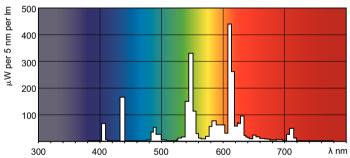
PL-C ALTO 13W/827/2P

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					

Photometric data



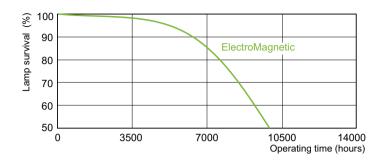
LDPB_PLC2P_827-Spectral power distribution B/W



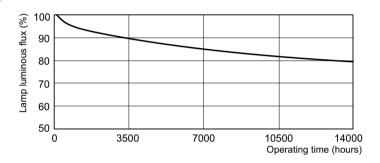
LDPO_PLC2P_827-Spectral power distribution Colour

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Lifetime



LDLE_PLC2P_0001-Life expectancy diagram



LDLM_PLC2P_0001-Lumen maintenance diagram



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