



PL-C Cluster 4-Pin Base

PL-C ALTO 18W/827/4P 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	G24q-2
Base Information	4P
Life to 10% fail	8000 hr
Preheat EL,3h	
Rated Avg. Life	13000 hr
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	98 %
4000h Rated,3h	
LSF HF Preheat	95 %
6000h Rated,3h	
LSF HF Preheat	90 %
8000h Rated,3h	
LSF HF Preheat	80 %
12000h Rated,3h	
LSF HF Preheat	65 %
16000h Rated,3h	
LSF HF Preheat	50 %
20000h Rated,3h	

• Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	83 Ra8
Color Designation	Incandescent White
Color Temperature	2700 K
Luminous Flux EM 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Luminous Flux EL 25°C, Rated	1200 Lm
Luminous Flux EL 25°C, Nominal	1200 Lm

Lum Efficacy Rated EM 25°C	73 Lm/W
Lum Efficacy Rated HF 25°C	73 Lm/W
LLMF HF 2000h Rated	99 %
LLMF HF 4000h Rated	88 %
LLMF HF 6000h Rated	85 %
LLMF HF 8000h Rated	83 %
Design Temperature	28 C
Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Watts	18 W
Lamp Wattage EM 25°C, Rated	16.0 W
Lamp Wattage EL 25°C, Rated	16.5 W
Lamp Wattage EL 25°C, Nominal	18 W
Lamp Voltage EM 25°C	80 V
Lamp Voltage EL 25°C	95 V
Lamp Current EM 25°C	0.230 A
Lamp Current EL 25°C	0.230 A
Dimmable	Yes

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• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	20 kWh

• Product Dimensions

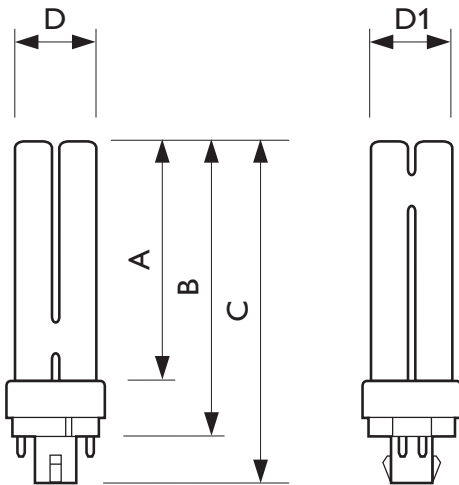
Base Face to Base Face A	109.7 (max) mm
Insertion Length B	128.0 (max) mm
Overall Length C	142.9 (max) mm
Diameter D	27.1 (max) mm

Diameter D1 27.1 (max) mm

• Product Data

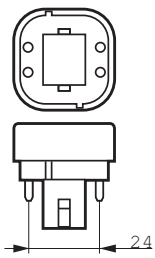
Product number	383299
Full product name	PL-C ALTO 18W/827/4P 1CT
Short product name	PL-C 18W/827/4P/ALTO 10PK
Pieces per Sku	1
eop_pck_cfg	10
Skus/Case	10
Bar code on pack	46677110734
Bar code on case	60046677110736
Logistics code(s)	927907282730
tpd_ilcos_cd	FSQ-18/27/1B-E-G24q=2
eop_net_weight_pp	55.300 gr

Dimensional drawing



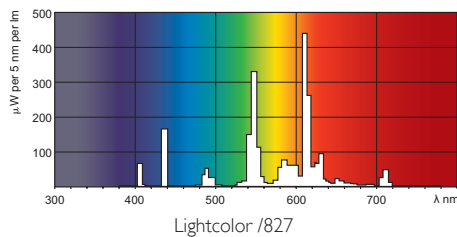
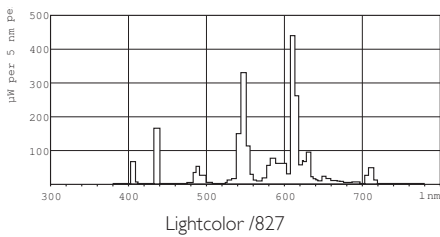
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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 18W/827/4P	109.7	128.0	142.9	27.1	27.1



G24q-2

Photometric data





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data subject to change