

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	97 %
6000h Rated,3h	
LSF HF Preheat	90 %
8000h Rated,3h	
LSF HF Preheat	60 %
12000h Rated,3h	

• Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	82 Ra8
Color Designation	Incandescent White
Color Temperature	2700 K
Luminous Flux EM	1200 Lm
25°C, Rated	
Luminous Flux EM	1200 Lm
25°C, Nominal	
Luminous Flux EL	1200 Lm
25°C, Rated	
Luminous Flux EL	1200 Lm
25°C, Nominal	
Lum Efficacy Rated	67 Lm/W
EM 25°C	
Lum Efficacy Rated	67 Lm/W
HF 25°C	

LLMF HF 2000h	92 %
Rated	
LLMF HF 4000h	87 %
Rated	
LLMF HF 6000h	83 %
Rated	
LLMF HF 8000h	81 %
Rated	
Design Temperature	28 C
Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Watts	18 W
Lamp Wattage EM	16.0 W
25°C, Rated	
Lamp Wattage EL	16.5 W
25°C, Rated	
Lamp Wattage EL	18 W
25°C, Nominal	
Lamp Voltage EM	96 V
25°C	
Lamp Voltage EL	96 V
25°C	
Lamp Current EM	0.230 A
25°C	
Lamp Current EL	0.230 A
25°C	
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
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PHILIPS

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Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	20 kWh

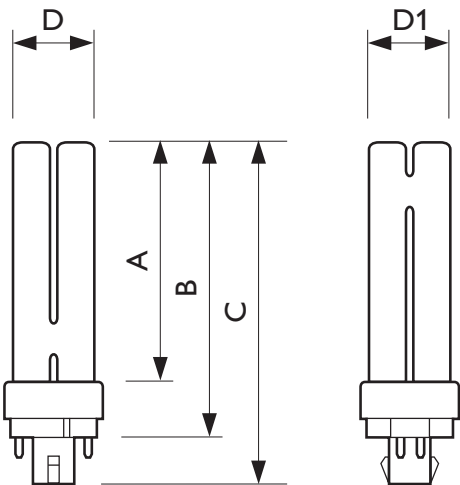
Product Dimensions

Base Face to Base Face A	109.5 (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

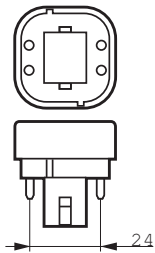
Product number	383299
Full product name	PL-C ALTO 18W/827/4P 1CT
Short product name	PL-C 18W/827/4P/ALTO 10PK
Pieces per Sku	1
eop_pck_cfg	10
Skus/Case	10
Bar code on pack	46677110734
Bar code on case	60046677110736
Logistics code(s)	927907282730
tpd_ilcos_cd	FSQ-18/27/1B-E-G24q=2
eop_net_weight_pp	55.300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

Dimensional drawing



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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 18W/827/4P	109.5	128.0	142.9	27.1	27.1



G24q-2

Photometric data

