



PL-C Cluster 2-Pin Base

PL-C ALTO 18W/827/2P 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	G24d-2
Base Information	2P
Life to 10% failures EM	6500 hr
Avg. Life	10000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	98 %
LSF EM 6000h Rated, 3h cycle	92 %
LSF EM 8000h Rated, 3h cycle	78 %

• 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 25°C, Rated	1200 Lm
Luminous Flux EM 25°C, Nominal	1200 Lm
Lum Efficacy Rated EM 25°C	67 Lm/W
LLMF EM 2000h Rated	92 %
LLMF EM 4000h Rated	87 %
LLMF EM 6000h Rated	84 %
LLMF EM 8000h Rated	81 %
Design Temperature	28 C

Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Watts	18 W
Lamp Wattage EM 25°C, Nominal	18 W
Lamp Wattage EM 25°C, Rated	17.9 W
Lamp Voltage EM 25°C	95 V
Lamp Current EM 25°C	0.230 A
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	22 kWh

• Product Dimensions

Base Face to Base Face A	109.7 (max) mm
Insertion Length B	128.0 (max) mm
Overall Length C	150.4 (max) mm
Diameter D	27.1 (max) mm
Diameter D1	27.1 (max) mm

PHILIPS

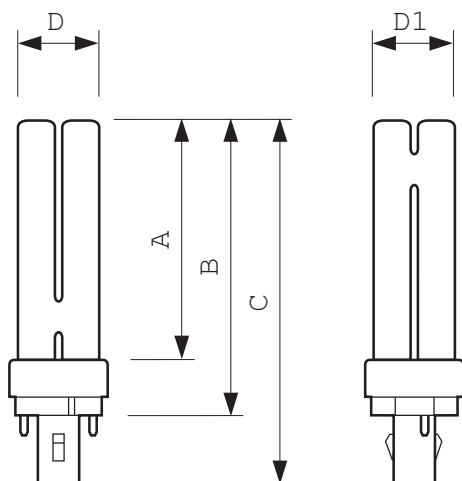
PL-C Cluster 2-Pin Base

• Product Data

Product number 383166
 Full product name PL-C ALTO 18W/827/2P 1CT
 Short product name PL-C 18W/827/2P/ALTO 10PK
 Pieces per Sku 1
 Skus/Case 10

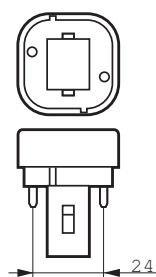
Bar code on pack 46677109547
 Bar code on case 60046677109549
 Logistics code(s) 927905782730
 tpd_ilcos_cd FSQ-18/27/1B-I-G24d=2
 eop_net_weight_pp 57.800 gr

Dimensional drawing



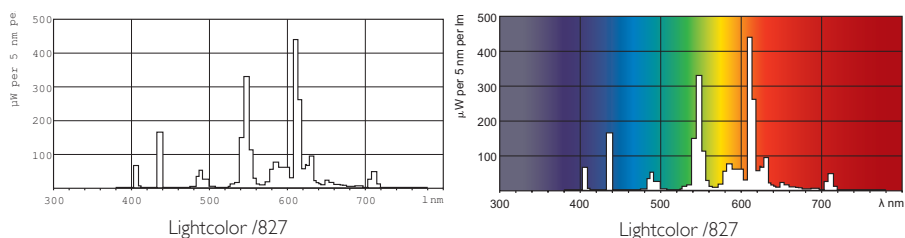
PL-C ALTO 18W/827/2P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-C 18W/827/2P	109.7	128.0	150.4	27.1	27.1



G24d-2

Photometric data



© 2014 Koninklijke Philips N.V. (Royal Philips)
 All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, June 3
 data subject to change