



High Color Rendering, High Efficacy, Long Life Lamps

PL-C Cluster 2-Pin Base

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.

Benefits

- Enhanced performance - 80% light output between 55° and 127 F*
- Sustainable lighting solution.
- Compact quad tube design
- * 80% light output in a base-up position

Features

- Enhanced Performance
- Quad Tube Design
- 10,000 Hour Rated Average Life*
- ALTO® Lamp Technology
- Available in: 13,18,26 watts with 2700,3000,3500,and 4100 color temperatures
- * Average life under specified test conditions with lamps turned off and restarted no more frequently than once every 3 operating hours. Lamp life is appreciably longer if lamps are started less frequently

Application

- Ideal for downlights and wall washers in general lighting; wall sconces in decorative lighting.

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Versions



13W, G24d-1, 2P

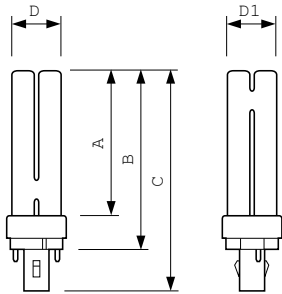


18W, G24d-2, 2P



26W, G24d-3, 2P

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/835 GX23-2 /2P 1CT	27.1 mm	27.1 mm	80.7 mm	99.0 mm	121.6 mm
PL-C ALTO 13W/841 GX23-2 /2P 1CT	27.1 mm	27.1 mm	80.7 mm	99.0 mm	121.6 mm
MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC	27.1 mm	27.1 mm	80.7 mm	99.0 mm	121.6 mm
PL-C 18W/827/2P/ALTO 10PK	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 mm
PL-C 18W/835/2P/ALTO 10PK	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 mm
PL-C 18W/841/2P/ALTO 10PK	27.1 mm	27.1 mm	109.5 mm	128.0 mm	150.4 mm
PL-C 26W/827/2P/ALTO 10PK	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm
PL-C 26W/830/2P/ALTO 10PK	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm
PL-C 26W/835/2P/ALTO 10PK	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm
PL-C 26W/841/2P/ALTO 10PK	27.1 mm	27.1 mm	130.5 mm	149.0 mm	171.4 mm

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Approval and Application

Mercury (Hg) Content (Nom)	1.4 mg
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Controls and Dimming

Dimmable	No
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General Information

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 Rendering Index (Nom)	82
LLMF 2000 h Rated	92 %
LLMF 4000 h Rated	87 %
LLMF 8000 h Rated	81 %

Temperature

Design Temperature (Nom)	28 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
927904982730	PL-C ALTO 13W/827 GX23-2 /2P 1CT	-	A
927904983530	PL-C ALTO 13W/835 GX23-2 /2P 1CT	-	A
927904984030	PL-C ALTO 13W/841 GX23-2 /2P 1CT	-	A
927904984062	MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC	-	A
927905782730	PL-C 18W/827/2P/ALTO 10PK	22 kWh	B
927905783530	PL-C 18W/835/2P/ALTO 10PK	22 kWh	B
927905784030	PL-C 18W/841/2P/ALTO 10PK	22 kWh	B
927906182730	PL-C 26W/827/2P/ALTO 10PK	32 kWh	B
927906183030	PL-C26W/830/2P/ALTO 10PK	32 kWh	B
927906183530	PL-C 26W/835/2P/ALTO 10PK	32 kWh	B
927906184030	PL-C 26W/841/2P/ALTO 10PK	32 kWh	B

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927904982730	PL-C ALTO 13W/827 GX23-2 /2P 1CT	0.285 A	12.7 W
927904983530	PL-C ALTO 13W/835 GX23-2 /2P 1CT	0.285 A	12.7 W
927904984030	PL-C ALTO 13W/841 GX23-2 /2P 1CT	0.285 A	12.7 W
927904984062	MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC	0.285 A	12.7 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927905782730	PL-C 18W/827/2P/ALTO 10PK	0.230 A	17.9 W
927905783530	PL-C 18W/835/2P/ALTO 10PK	0.230 A	18 W
927905784030	PL-C 18W/841/2P/ALTO 10PK	0.230 A	17.9 W
927906182730	PL-C 26W/827/2P/ALTO 10PK	0.335 A	26.5 W
927906183030	PL-C26W/830/2P/ALTO 10PK	0.335 A	26.5 W
927906183530	PL-C 26W/835/2P/ALTO 10PK	0.335 A	26.5 W
927906184030	PL-C 26W/841/2P/ALTO 10PK	0.335 A	26.5 W

General Information

Order Code	Full Product Name	Cap-Base
927904982730	PL-C ALTO 13W/827 GX23-2 /2P 1CT	GX23-2
927904983530	PL-C ALTO 13W/835 GX23-2 /2P 1CT	GX23-2
927904984030	PL-C ALTO 13W/841 GX23-2 /2P 1CT	GX23-2
927904984062	MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC	GX23-2
927905782730	PL-C 18W/827/2P/ALTO 10PK	G24D-2
927905783530	PL-C 18W/835/2P/ALTO 10PK	G24D-2

Order Code	Full Product Name	Cap-Base
927905784030	PL-C 18W/841/2P/ALTO 10PK	G24D-2
927906182730	PL-C 26W/827/2P/ALTO 10PK	G24D-3
927906183030	PL-C26W/830/2P/ALTO 10PK	G24D-3
927906183530	PL-C 26W/835/2P/ALTO 10PK	G24D-3
927906184030	PL-C 26W/841/2P/ALTO 10PK	G24D-3

Light Technical (1/2)

PL-C Cluster 2-Pin Base

Order Code	Full Product Name	Color Code	Color Designation	Correlated	
				Color Temperature (Nom)	LLMF 6000 h Rated
927904982730	PL-C ALTO 13W/827 GX23-2 /2P 1CT	827	Incandescent White	2700 K	84 %
927904983530	PL-C ALTO 13W/835 GX23-2 /2P 1CT	835	White (WH)	3500 K	84 %
927904984030	PL-C ALTO 13W/841 GX23-2 /2P 1CT	841	Cool White (CW)	4100 K	84 %
927904984062	MASTER PL-C 13W/840 GX23-2/2P 1CT/ 5X10CC	840	Cool White (CW)	4100 K	84 %
927905782730	PL-C 18W/ 827/2P/ALTO 10PK	827	Incandescent White	2700 K	83 %
927905783530	PL-C 18W/ 835/2P/ALTO 10PK	835	White (WH)	3500 K	83 %

Order Code	Full Product Name	Color Code	Color Designation	Correlated	
				Color Temperature (Nom)	LLMF 6000 h Rated
927905784030	PL-C 18W/ 841/2P/ALTO 10PK	841	Cool White (CW)	4100 K	83 %
927906182730	PL-C 26W/ 827/2P/ALTO 10PK	827	Incandescent White	2700 K	83 %
927906183030	PL-C26W/ 830/2P/ALTO 10PK	830	Warm White (WW)	3000 K	83 %
927906183530	PL-C 26W/ 835/2P/ALTO 10PK	835	White (WH)	3500 K	83 %
927906184030	PL-C 26W/ 841/2P/ALTO 10PK	841	Cool White (CW)	4100 K	83 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous	
		Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
927904982730	PL-C ALTO 13W/827 GX23-2 /2P 1CT	62 lm/W	800 lm
927904983530	PL-C ALTO 13W/835 GX23-2 /2P 1CT	61 lm/W	780 lm
927904984030	PL-C ALTO 13W/841 GX23-2 /2P 1CT	62 lm/W	800 lm
927904984062	MASTER PL-C 13W/840 GX23-2/2P 1CT/5X10CC	62 lm/W	800 lm
927905782730	PL-C 18W/827/2P/ ALTO 10PK	67 lm/W	1200 lm

Order Code	Full Product Name	Luminous	
		Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
927905783530	PL-C 18W/835/2P/ ALTO 10PK	67 lm/W	1200 lm
927905784030	PL-C 18W/841/2P/ ALTO 10PK	67 lm/W	1200 lm
927906182730	PL-C 26W/827/2P/ ALTO 10PK	68 lm/W	1800 lm
927906183030	PL-C26W/830/2P/ ALTO 10PK	68 lm/W	1800 lm
927906183530	PL-C 26W/835/2P/ ALTO 10PK	68 lm/W	1800 lm

