



PL-L Long 4-Pin Base

PL-L 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

System Description	-
Base	2G11
Base Information	4P
Avg. Life	15000 hr
Life to 50% fail	20000 hr
Preheat EL,3h	
Life to 50% fail	10000 hr
Nonpreh EL,3h	
Life to 10% fail	7500 hr
Nonpreh EL,3h	
Life to 10% fail	14000 hr
Preheat EL,3h	
Life to 10% failures	10000 hr
EM	
LSF HF Preheat	50 %
20000h Rated,3h	
LSF HF Preheat	94 %
12000h Rated,3h	
LSF HF Preheat	97 %
8000h Rated,3h	
LSF HF Preheat	98 %
6000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF EM 12000h	80 %
Rated,3h cycle	
LSF EM 8000h Rated,	94 %
3h cycle	
LSF EM 6000h Rated,	96 %
3h cycle	
LSF EM 4000h Rated,	98 %
3h cycle	
LSF EM 2000h Rated,	99 %
3h cycle	

LSF HF Preheat 82 %
16000h Rated,3h

• Electrical Characteristics

Lamp Wattage	18 W
Lamp Voltage EL	50 V
25°C	
Lamp Current EL	0.320 A
25°C	
Dimmable	Yes
Lamp Current EM	0.375 A
25°C	
Lamp Wattage EM	18.0 W
25°C, Rated	
Lamp Wattage EL	18.0 W
25°C, Rated	
Lamp Wattage EL	18 W
25°C, Nominal	
Lamp Wattage EM	18 W
25°C, Nominal	
Lamp Voltage EM	58 V
25°C	

• Environmental Characteristics

Energy Efficiency	B
Label (EEL)	
Mercury (Hg)	2.0 mg
Content	

• Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering	82 Ra8
Index	
Color Designation	Incandescent White

PHILIPS

sense and simplicity

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Color Temperature	2700 K
Chromaticity Coordinate X	465 -
Chromaticity Coordinate Y	420 -
LLMF EM 12000h Rated	90 %
LLMF EM 8000h Rated	91 %
LLMF EM 6000h Rated	92 %
LLMF EM 4000h Rated	93 %
LLMF EM 2000h Rated	94 %
LLMF HF 20000h Rated	90 %
LLMF HF 16000h Rated	90 %
LLMF HF 12000h Rated	91 %
LLMF HF 8000h Rated	92 %
LLMF HF 6000h Rated	93 %
LLMF HF 4000h Rated	94 %
LLMF HF 2000h Rated	95 %
Luminous Flux EL 25°C, Rated	1200 Lm
Luminous Flux EL 25°C, Nominal	1200 Lm
Lum Flux Rated HF 25°C,horiz	1200 Lm
Lum Flux Nominal HF 25°C,horiz	1200 Lm
Lum Efficacy Rated HF 25°C,hor	67 Lm/W

Design Temperature	30 C
Lum Efficacy Rated EM 25°C,hor	67 Lm/W
Lum Flux Nominal EM 25°C,horiz	1200 Lm
Lum Flux Rated EM 25°C,horiz	1200 Lm

• Product Dimensions

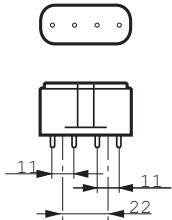
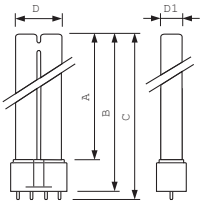
Base Face to Base Face A	194.2 (max) mm
Insertion Length B	220 (max) mm
Overall Length C	226.6 (max) mm
Diameter D	37.7 (max) mm
Diameter D1	18 (max) mm

• Measuring Conditions

• Product Data

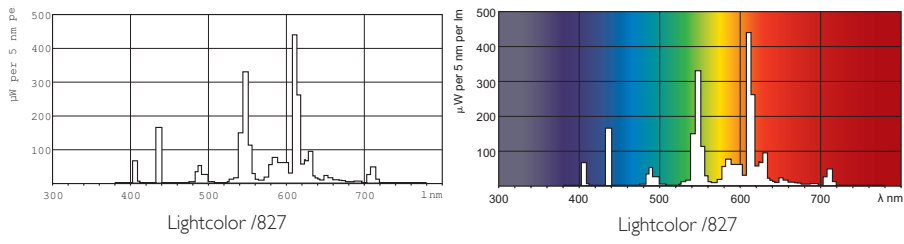
Order code	927903008270
Full product code	927903008270
Full product name	MASTER PL-L 18W/827/4P 1CT
Order product name	MASTER PL-L 18W/827/4P 1CT/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500706676
Bar code on outerbox - EAN3	8711500710703
Logistic code(s) - 12NC	927903008270
ILCOS code	FSD-18/27/1B-E-2G11
Net weight per piece	60.900 gr

Dimensional drawing



Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 18W/827/4P	194.2	220	226.6	37.7	18

Photometric data



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data subject to change