



MASTER PL-L 4 Pin



MASTER PL-L 18W/830/4P 1CT/25

MASTER PL-L is a medium to high-wattage linear compact fluorescent lamp, typically used for general-illumination ceiling luminaires in retail, hospitality and office applications demanding higher lighting levels. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. It is designed for operation on electromagnetic as well as electronic HF control gear and is provided with a plug-in/pull-out lamp base.

Warnings and Safety

- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General information		LSF Preheat 4000 h Rated	
Cap-Base	2G11 [2G11]	LSF Preheat 6000 h Rated	99 %
Life To 10% Failures (Nom)	10000 h	LSF Preheat 8000 h Rated	98 %
Life to 50% Failures (Nom)	15000 h	LSF Preheat 16000 h Rated	97 %
Life to 50% Failures Preheat (Nom)	20000 h	LSF Preheat 20000 h Rated	82 %
System Description	-	Flux measurement reference	50 %
LSF 2000 h Rated	99 %		Sphere
LSF 4000 h Rated	98 %	Light technical	
LSF 6000 h Rated	96 %	Color Code	830 [CCT of 3000K]
LSF 8000 h Rated	94 %	Luminous Flux (Nom)	1200 lm
LSF 12000 h Rated	80 %	Luminous Flux (Rated) (Nom)	1200 lm
LSF Preheat 2000 h Rated	99 %	Color Designation	Warm White (WW)

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Chromaticity Coordinate X (Nom)	0.44
Chromaticity Coordinate Y (Nom)	0.403
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	67 lm/W
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	94 %
LLMF 4000 h Rated	93 %
LLMF 6000 h Rated	92 %
LLMF 8000 h Rated	91 %
LLMF 12000 h Rated	90 %
LLMF 16000 h Rated	90 %
LLMF 20000 h Rated	90 %

Operating and electrical

Power (Nom)	18.0 W
Lamp Current (Nom)	0.375 A

Temperature

Design Temperature (Nom)	30 °C
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Controls and dimming

Dimmable	Yes
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Mechanical and housing	
Cap-Base Information	4 Pins

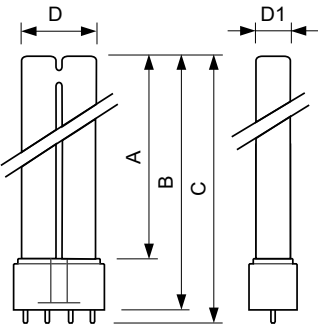
Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	423262

Product data

Full product code	871150070668340
Order product name	MASTER PL-L 18W/830/4P 1CT/25
EAN/UPC - Product	8711500706683
Order code	927903008370
Numerator - Quantity Per Pack	1
Local code description	3820783
Numerator - Packs per outer box	25
Material Nr. (12NC)	927903008370
Net Weight (Piece)	60.900 g
ILCOS Code	FSD-18/30/1B-E-2G11

Dimensional drawing



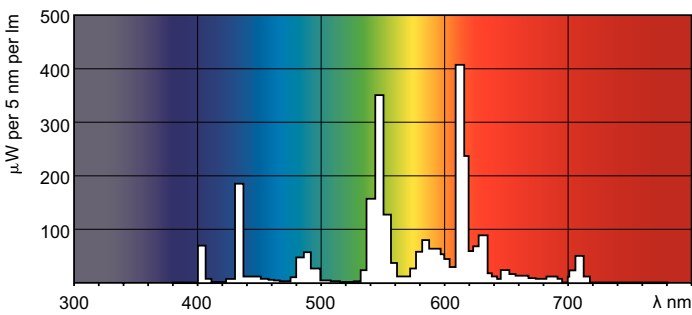
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Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 18W/830/4P 1CT/25	39.0 mm	18.0 mm	194.2 mm	220 mm	226.6 mm

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Photometric data

215



LDPB_PLL4P_830-Spectral power distribution B/W

LDPO_PLL4P_830-Spectral power distribution Colour

