



MASTER PL-L 4 Pin



MASTER PL-L 80W/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	
Cap base	2G11 [2G11]
Life to 50% failures preheat (nom.)	20000 h
System description	High Frequency [High Frequency (HF)]
LSF preheat 2,000 hours rated	99 %
LSF preheat 4,000 hours rated	99 %
LSF preheat 6,000 hours rated	98 %
LSF preheat 8,000 hours rated	97 %
LSF preheat 16,000 hours rated	82 %
LSF preheat 20,000 hours rated	50 %
	Sphere

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Luminous flux (nom.)	6000 lm
Luminous flux (rated) (nom.)	6000 lm
Colour designation	Warm White (WW)
Chromaticity coordinate X (nom.)	0.44
Chromaticity coordinate Y (nom.)	0.403
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	75 lm/W
Colour rendering index (nom.)	82
LLMF 2000 h Rated	95 %
LLMF 4000 h Rated	94 %

MASTER PL-L 4 Pin

LLMF 6000 h Rated	93 %
LLMF 8000 h Rated	92 %
LLMF 12000 h Rated	91 %
LLMF 16000 h Rated	90 %
LLMF 20000 h Rated	90 %

Operating and Electrical

Power (Rated) (Nom)	80.0 W
Lamp current (nom.)	0.555 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	4P
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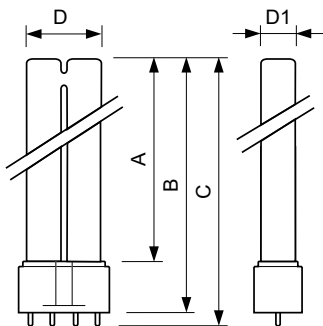
Approval and Application

Energy Efficiency Class	G
Mercury (Hg) content (max.)	2 mg
Mercury (Hg) content (nom.)	2.0 mg
Energy consumption kWh/1,000 hours	80 kWh
	423318

Product Data

Full product code	871150086708740
Order product name	MASTER PL-L 80W/830/4P 1CT/25
EAN/UPC – product	8711500867087
Order code	86708740
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
SAP material	927909583070
SAP net weight (piece)	140.000 g
ILCOS code	FSDH-80/30/1B-L/P-2G11

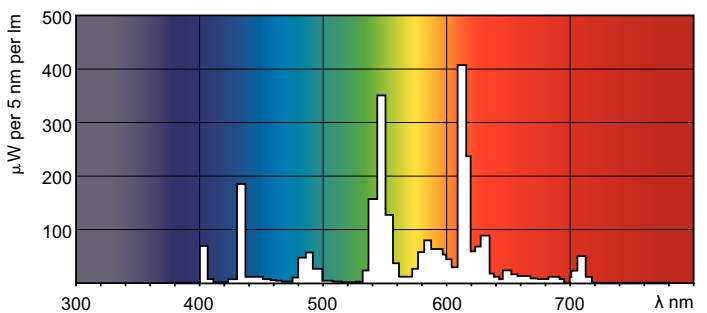
Dimensional drawing



PL-L 80W/830/4P HF

Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 80W/830/4P 1CT/25	39.0 mm	18.0 mm	539.2 mm	565 mm	571.6 mm

Photometric data



LDPB_PLL4P_830-Spectral power distribution B/W

Lightcolour /830

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