

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.

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 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	98 %
LSF Preheat 8000 h Rated	97 %
LSF Preheat 16000 h Rated	82 %
LSF Preheat 20000 h Rated	50 %

• Light Technical

Luminous flux (nom.)	6000 lm
Luminous flux (rated) (nom.)	6000 lm
Colour designation	Warm White (WW)
Chromaticity coordinate X (nom.)	440
Chromaticity coordinate Y (nom.)	405
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	75 lm/W
Color rendering index (nom.)	82
LLMF 2000 h Rated	95 %
LLMF 4000 h Rated	94 %
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 W
Lamp current (nom.)	0.555 A

• Temperature

Design temperature (nom.)	30 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap base information	4P

• Approval and Application

Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.0 mg
Energy Consumption kWh/1000 h	88 kWh

• Product Data

Full product code	871150086708740

PHILIPS

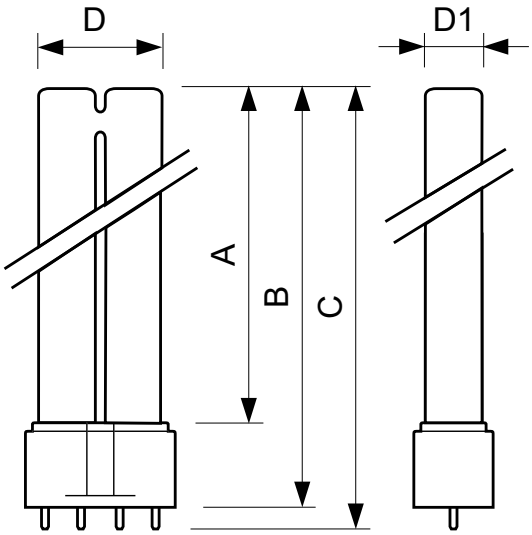
MASTER PL-L 4 Pin

Order product name	MASTER PL-L 80W/830/4P 1CT/25
EAN/UPC – product	8711500867087
Order code	86708740
Numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12NC)	927909583070
Net weight (piece)	140.000 g
ILCOS Code	FSDH-80/30/1B-L/P-2G11

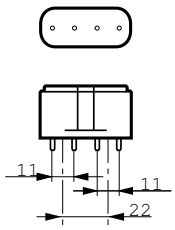
Warnings and Safety

- 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.

Dimensional drawing



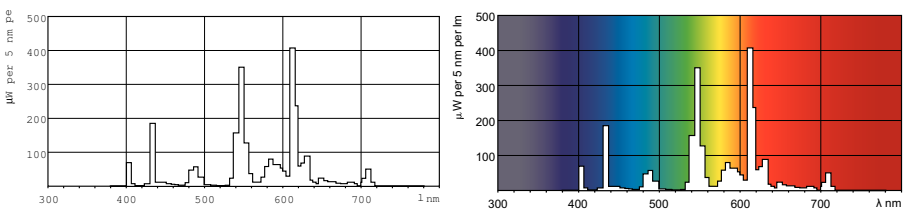
2G11, 4P



PL-L 80W/830/4P HF

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

Photometric data



2016, July 29
data subject to change

© 2016 Philips Lighting Holding B.V.
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

2016, July 29
data subject to change