



MASTER PL-L 4 Pin

MASTER PL-L 55W/830/4P 1CT

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 Characteristics

System Description	High Frequency [High Frequency]
Cap-Base	2G11
Cap-Base Information	4P
Life to 10% fail	14000 hr
Preheat EL,3h	
Life to 10% fail	7500 hr
Nonpreh EL,3h	
Life to 50% fail	20000 hr
Preheat EL,3h	
Life to 50% fail	10000 hr
Nonpreh EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	98 %
6000h Rated,3h	
LSF HF Preheat	97 %
8000h Rated,3h	
LSF HF Preheat	94 %
12000h Rated,3h	
LSF HF Preheat	82 %
16000h Rated,3h	
LSF HF Preheat	50 %
20000h Rated,3h	

Luminous Flux EL	4800 Lm
25°C, Nominal	
Lum Flux Rated HF	4800 Lm
25°C,horiz	
Lum Flux Nominal	4800 Lm
HF 25°C,horiz	
Lum Efficacy Rated	87 Lm/W
HF 25°C,hor	
LLMF HF 2000h	95 %
Rated	
LLMF HF 4000h	94 %
Rated	
LLMF HF 6000h	93 %
Rated	
LLMF HF 8000h	92 %
Rated	
LLMF HF 12000h	91 %
Rated	
LLMF HF 16000h	90 %
Rated	
LLMF HF 20000h	90 %
Rated	
Design Temperature	30 C
Chromaticity Coord- inate X	440 -
Chromaticity Coord- inate Y	405 -

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Luminous Flux EL	4800 Lm
25°C, Rated	

• Electrical Characteristics

Lamp Wattage	55 W
Lamp Wattage EL	55.0 W
25°C, Rated	
Lamp Wattage EL	55 W
25°C, Nominal	
Lamp Voltage EL	105 V
25°C	

MASTER PL-L 4 Pin

Lamp Current EL 25°C	0.525 A
Dimmable	Yes

Insertion Length B	535 (max) mm
Overall Length C	541.6 (max) mm
Diameter D	39.0 (max) mm
Diameter D1	18.0 (max) mm

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.0 mg
Energy consumption kWh/1000h	61 kWh

• Measuring Conditions

Calibration Current	0.550 A
HF Generator Rated Voltage	202 V
Resistor	185 ohm

• Product Dimensions

Base Face to Base Face A	509.2 (max) mm
-----------------------------	----------------

• Product Data

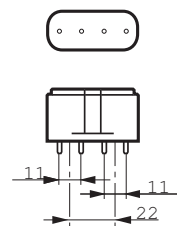
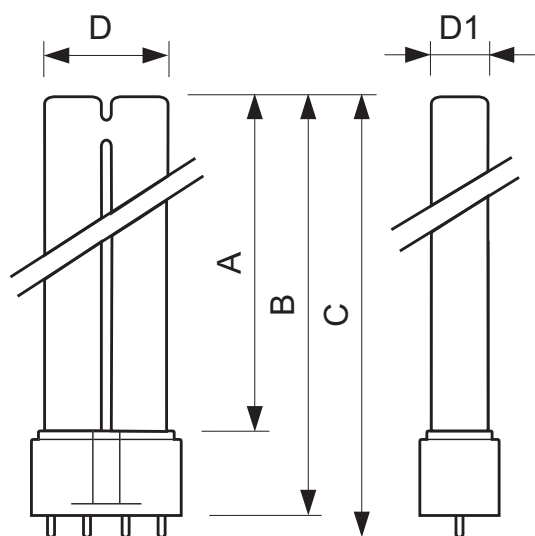
Order code	927908708370
Full product code	927908708370
Full product name	MASTER PL-L 55W/830/4P 1CT
Order product name	MASTER PL-L 55W/830/4P 1CT/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500615411
Bar code on outerbox - EAN3	8711500615541
Logistic code(s) - 12NC	927908708370
ILCOS code	FSDH-55/30/1B-L/P-2G11
Net weight per piece	134.000 gr

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

Dimensional drawing

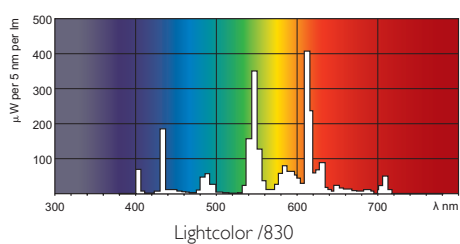
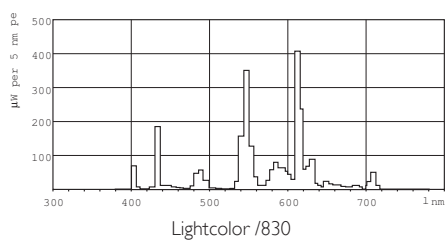


2G11

MASTER PL-L 55W/830/4P 1CT

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 55W/830/4P HF	509.2	535	541.6	39.0	18.0

Photometric data



© 2013 Koninklijke Philips N.V. (Royal Philips)
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

2013, October 9
data subject to change