



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	

• 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	

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 Coordinate X	440 -
Chromaticity Coordinate Y	405 -

• 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	
Lamp Current EL	0.525 A
25°C	



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Dimmable Yes

• 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

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

• Product Data

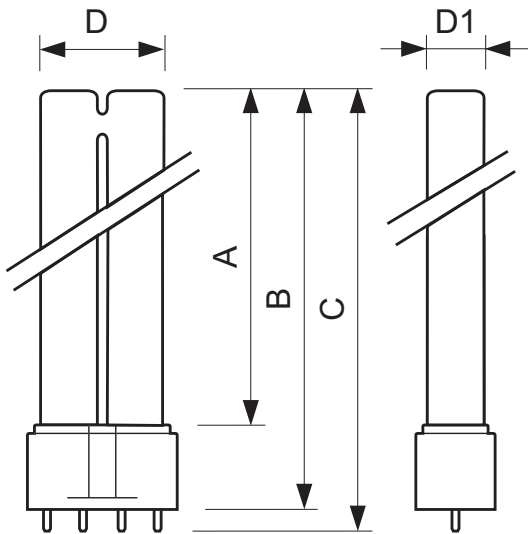
Order code 927908708370
 Full product code 927908708370
 Full product name MASTER PL-L 55W/830/4P 1CT
 Order product name MASTER PL-L 55W/830/4P 1CT/25
 Pieces per pack 1
 Packing configuration 25
 Packs per outerbox 25
 Bar code on pack - EAN1 8711500615411
 Bar code on outerbox - EAN3 8711500615541
 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

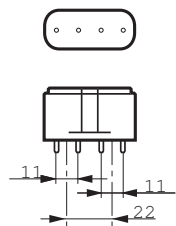
- Shorter lamp life when often switching and not well pre-heated electrodes

Dimensional drawing



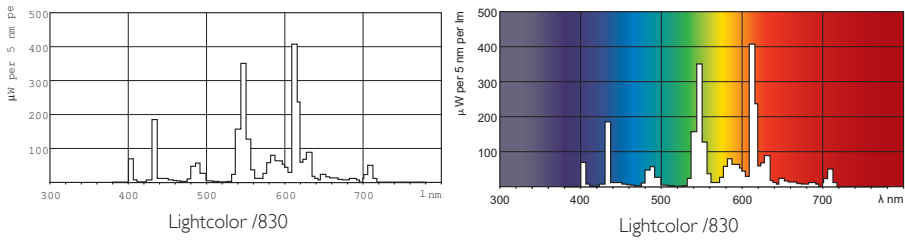
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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 55W/830/4P HF	509.2	535	541.6	39.0	18.0



2G11

Photometric data



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data subject to change