



MASTER PL-L 4 Pin

MASTER PL-L 55W/865/4P 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	865 [CCT of 6500K]
Color Rendering Index	80 Ra8
Color Designation (text)	Cool Daylight
Color Temperature	6500 K
Lum Flux Rated HF 25°C,horiz	4500 Lm

Lum Flux Nominal	4800 Lm
HF 25°C,horiz	
Lum Efficacy Rated	82 Lm/W
HF 25°C,hor	
LLMF HF 2000h	94 %
Rated	
LLMF HF 4000h	93 %
Rated	
LLMF HF 6000h	92 %
Rated	
LLMF HF 8000h	91 %
Rated	
LLMF HF 12000h	90 %
Rated	
LLMF HF 16000h	88 %
Rated	
LLMF HF 20000h	87 %
Rated	
Design Temperature	30 C
Chromaticity Coordinate X	309 -
Chromaticity Coordinate Y	332 -

• 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	
Dimmable	Yes

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• 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

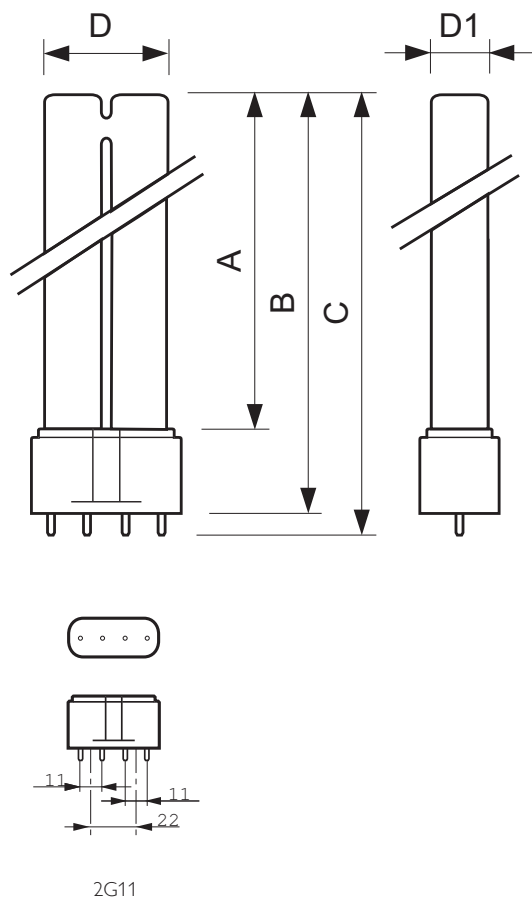
Order code	927908786570
Full product code	927908786570
Full product name	MASTER PL-L 55W/865/4P 1CT
Order product name	MASTER PL-L 55W/865/4P 1CT/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500261700
Bar code on outerbox - EAN3	8711500261717
Logistic code(s) - 12NC	927908786570
ILCOS code	FSDH-55/65/1B-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

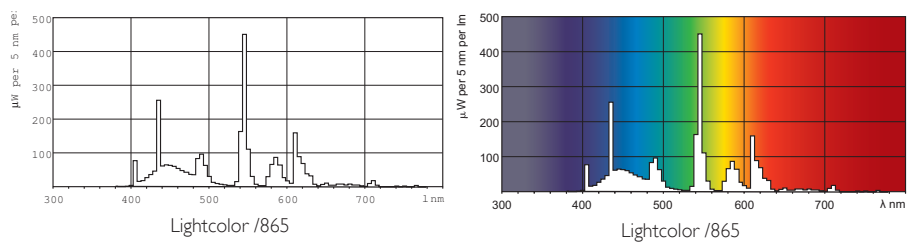
Dimensional drawing



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Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 55W/865/4P HF	509.2	535	541.6	39.0	18.0

Photometric data



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data subject to change