

# MASTER PL-L De Luxe 4 Pin



## MASTER PL-L 90 De Luxe 55W/950/4P 1CT

MASTER PL-L De Luxe 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 and excellent color rendering. 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 50% fail	20000 hr
Preheat EL,3h	
Life to 50% fail	10000 hr
Nonpreh EL,3h	
Life to 10% fail	7500 hr
Nonpreh EL,3h	
Life to 10% fail	14000 hr
Preheat EL,3h	
LSF HF Preheat 20000h Rated,3h	50 %
LSF HF Preheat 16000h Rated,3h	82 %
LSF HF Preheat 12000h Rated,3h	94 %
LSF HF Preheat 8000h Rated,3h	97 %
LSF HF Preheat 6000h Rated,3h	98 %
LSF HF Preheat 4000h Rated,3h	99 %
LSF HF Preheat 2000h Rated,3h	99 %

Chromaticity Coordinate Y

350 -

LLMF HF 20000h

90 %

Rated

LLMF HF 16000h

90 %

Rated

LLMF HF 12000h

91 %

Rated

LLMF HF 8000h

92 %

Rated

LLMF HF 6000h

93 %

Rated

LLMF HF 4000h

94 %

Rated

LLMF HF 2000h

95 %

Rated

Lum Flux Rated HF

3650 Lm

25°C,horiz

Lum Flux Nominal HF

3650 Lm

25°C,horiz

Lum Efficacy Rated HF

84 Lm/W

25°C,hor

Design Temperature

30 C

#### • Electrical Characteristics

Lamp Wattage

55 W

Lamp Voltage EL

105 V

25°C

Lamp Current EL

0.525 A

25°C

Dimmable

Yes

Lamp Wattage EL

55.0 W

25°C, Rated

Lamp Wattage EL

55 W

25°C, Nominal

#### • Light Technical Characteristics

Color Code	950 [CCT of 5000K]
Color Rendering Index	90 Ra8
Color Designation (text)	Daylight
Color Temperature	5300 K
Chromaticity Coordinate X	340 -



[asimpleswitch.com](http://asimpleswitch.com)

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## • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	4.4 mg

## • 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	37.7 (max) mm
Diameter D1	18 (max) mm

## • Product Data

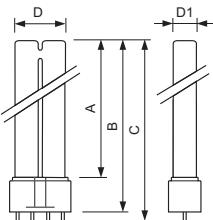
Order code	927908795074
Full product code	927908795074
Full product name	MASTER PL-L 90 De Luxe 55W/950/4P 1CT
Order product name	MASTER PL-L 90 De Luxe 55W/950/4P 1CT/10
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500633842
Bar code on outerbox - EAN3	8711500890580
Logistic code(s) - 12NC	927908795074
ILCOS code	FSDH-55/53/1A-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

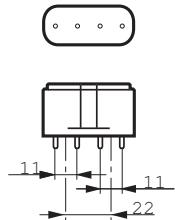
- Shorter lamp life when often switching and not well pre-heated electrodes

## Dimensional drawing

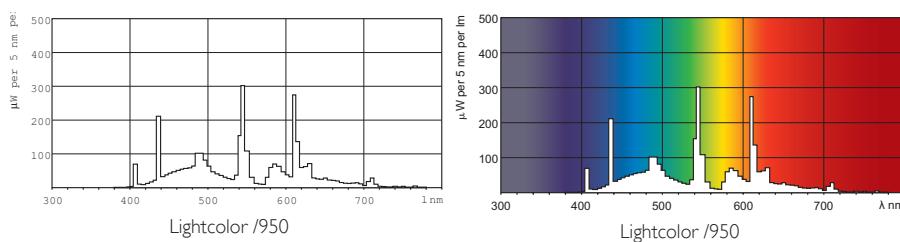


2G11, 4P

Product	A (Max)	B (Max)	C (Max)	D (Max)	D1 (Max)
PL-L 55W/950/4P HF	509.2	535	541.6	37.7	18



## Photometric data



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[www.philips.com/lighting](http://www.philips.com/lighting)

2011, October 20  
data subject to change