



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	50 %
20000h Rated,3h	
LSF HF Preheat	82 %
16000h Rated,3h	
LSF HF Preheat	94 %
12000h Rated,3h	
LSF HF Preheat	97 %
8000h Rated,3h	
LSF HF Preheat	98 %
6000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
2000h Rated,3h	

• 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 -

Chromaticity Coordinate Y	350 -
LLMF HF 20000h Rated	90 %
LLMF HF 16000h Rated	90 %
LLMF HF 12000h Rated	91 %
LLMF HF 8000h Rated	92 %
LLMF HF 6000h Rated	93 %
LLMF HF 4000h Rated	94 %
LLMF HF 2000h Rated	95 %
Lum Flux Rated HF 25°C,horiz	3650 Lm
Lum Flux Nominal HF 25°C,horiz	3650 Lm
Lum Efficacy Rated HF 25°C,hor	84 Lm/W
Design Temperature	30 C

• Electrical Characteristics

Lamp Wattage	55 W
Lamp Voltage EL 25°C	105 V
Lamp Current EL 25°C	0.525 A
Dimmable	Yes
Lamp Wattage EL 25°C, Rated	55.0 W
Lamp Wattage EL 25°C, Nominal	55 W



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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

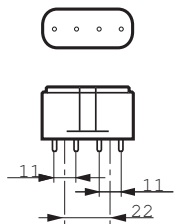
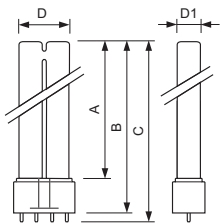
• Product Data

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

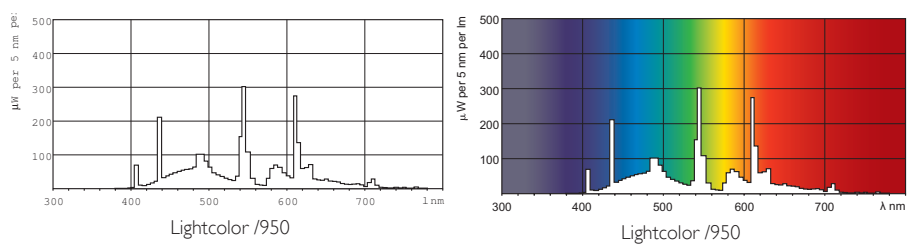
Dimensional drawing



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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2011, October 20
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