



# Product Description

## MASTER PL-L 4 Pin

Energy-saving compact fluorescent lamps Compact long-arc low-pressure mercury discharge lamp Envelope consists of 2 parallel fluorescent tubes

### Benefits

- Optimal light performance for short or long operation per switch on
- Long life and sustainable light output

### Features

- 4-pin base without starter and capacitor
- Lamp characteristics are influenced by operating conditions and control gear used
- Lamp performance is governed by temperature of the coolest spot
- Dimming is possible

### Application

- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks

### 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
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

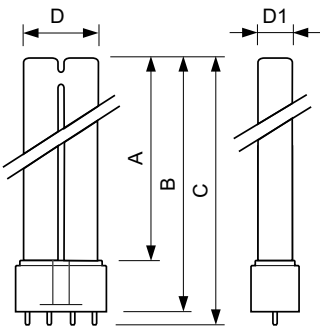
# MASTER PL-L 4 Pin

## Versions



18 W 2G11

## Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 18W/840/4P 1CT/25	39.0 mm	18.0 mm	194.2 mm	220 mm	226.6 mm
MASTER PL-L 55W/840/4P 1CT/25	39.0 mm	18.0 mm	509.2 mm	535 mm	541.6 mm
MASTER PL-L 55W/830/4P 1CT/25	39.0 mm	18.0 mm	509.2 mm	535 mm	541.6 mm
MASTER PL-L 18W/830/4P 1CT/25	39.0 mm	18.0 mm	194.2 mm	220 mm	226.6 mm
MASTER PL-L 36W/ 840/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm

# MASTER PL-L 4 Pin

## Approval and Application

Mercury (Hg) Content (Max)	2 mg
Mercury (Hg) Content (Nom)	2.0 mg

## Controls and Dimming

Dimmable	Yes
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## General Information

Cap-Base	2G11
Life To 50% Failures Preheat (Nom)	20000 h
LSF Preheat 16000 h Rated	82 %
LSF Preheat 20000 h Rated	50 %
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	98 %
LSF Preheat 8000 h Rated	97 %

## Light Technical

LLMF 16000 h Rated	90 %
LLMF 20000 h Rated	90 %

## Temperature

Design Temperature (Nom)	30 °C
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## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927903008370	MASTER PL-L 18W/830/4P 1CT/25	18 kWh
927903008470	MASTER PL-L 18W/840/4P 1CT/25	18 kWh
927903408470	MASTER PL-L 36W/840/4P 1CT/25	37 kWh
927908708370	MASTER PL-L 55W/830/4P 1CT/25	56 kWh
927908708470	MASTER PL-L 55W/840/4P 1CT/25	56 kWh

## Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927903008370	MASTER PL-L 18W/830/4P 1CT/25	0.375 A	18.0 W
927903008470	MASTER PL-L 18W/840/4P 1CT/25	0.375 A	18.0 W
927903408470	MASTER PL-L 36W/840/4P 1CT/25	0.435 A	36.3 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927908708370	MASTER PL-L 55W/830/4P 1CT/25	0.525 A	55.3 W
927908708470	MASTER PL-L 55W/840/4P 1CT/25	0.525 A	55.3 W

## General Information (1/2)

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF 2000 h Rated
927903008370	MASTER PL-L 18W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903008470	MASTER PL-L 18W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903408470	MASTER PL-L 36W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF 2000 h Rated
927908708370	MASTER PL-L 55W/830/4P 1CT/25	-	-	-	-
927908708470	MASTER PL-L 55W/840/4P 1CT/25	-	-	-	-

## General Information (2/2)

Order Code	Full Product Name	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated	System Description
927903008370	MASTER PL-L 18W/830/4P 1CT/25	98 %	96 %	94 %	na

Order Code	Full Product Name	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated	System Description
927903008470	MASTER PL-L 18W/840/4P 1CT/25	98 %	96 %	94 %	na

## MASTER PL-L 4 Pin

Order Code	Full Product Name	LSF	LSF	LSF	System Description
		4000 h Rated	6000 h Rated	8000 h Rated	
927903408470	MASTER PL-L 36W/840/4P 1CT/25	98 %	96 %	94 %	na
927908708370	MASTER PL-L 55W/830/4P 1CT/25	-	-	-	High Frequency

Order Code	Full Product Name	LSF	LSF	LSF	System Description
		4000 h Rated	6000 h Rated	8000 h Rated	
927908708470	MASTER PL-L 55W/840/4P 1CT/25	-	-	-	High Frequency

### Light Technical (1/3)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927903008370	MASTER PL-L 18W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
927903008470	MASTER PL-L 18W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)
927903408470	MASTER PL-L 36W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927908708370	MASTER PL-L 55W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
927908708470	MASTER PL-L 55W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)

### Light Technical (2/3)

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	LLMF 12000 h Rated	LLMF			LLMF 8000 h Rated	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
					LLMF 2000 h Rated	LLMF 4000 h Rated	LLMF 6000 h Rated			
927903008370	MASTER PL-L 18W/830/4P 1CT/25	3000 K	82	90 %	94 %	93 %	92 %	91 %	67 lm/W	1200 lm
927903008470	MASTER PL-L 18W/840/4P 1CT/25	4000 K	80	90 %	94 %	93 %	92 %	91 %	67 lm/W	1200 lm
927903408470	MASTER PL-L 36W/840/4P 1CT/25	4000 K	80	90 %	94 %	93 %	92 %	91 %	81 lm/W	2850 lm
927908708370	MASTER PL-L 55W/830/4P 1CT/25	3000 K	82	91 %	95 %	94 %	93 %	92 %	87 lm/W	4700 lm
927908708470	MASTER PL-L 55W/840/4P 1CT/25	4000 K	80	91 %	95 %	94 %	93 %	92 %	87 lm/W	4700 lm

### Light Technical (3/3)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
927903008370	MASTER PL-L 18W/830/4P 1CT/25	1200 lm
927903008470	MASTER PL-L 18W/840/4P 1CT/25	1200 lm
927903408470	MASTER PL-L 36W/840/4P 1CT/25	2900 lm

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
927908708370	MASTER PL-L 55W/830/4P 1CT/25	4800 lm
927908708470	MASTER PL-L 55W/840/4P 1CT/25	4800 lm

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