



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



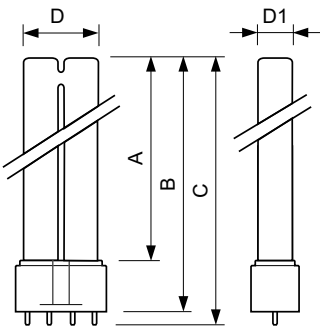
18 W 2G11



24 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 40W/ 840/4P 1CT/25	39.0 mm	18.0 mm	509.2 mm	535 mm	541.6 mm
MASTER PL-L 24W/840/4P 1CT/25	39.0 mm	18.0 mm	289.2 mm	315 mm	321.6 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

Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Colour Code	840
Colour Designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Colour Rendering Index (Nom)	80
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
927903008470	MASTER PL-L 18W/840/4P 1CT/25	18 kWh
927903208470	MASTER PL-L 24W/840/4P 1CT/25	25 kWh
927903408470	MASTER PL-L 36W/840/4P 1CT/25	37 kWh
927908208470	MASTER PL-L 40W/840/4P 1CT/25	40 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)
927903008470	MASTER PL-L 18W/840/4P 1CT/25	0.375 A	18.0 W
927903208470	MASTER PL-L 24W/840/4P 1CT/25	0.345 A	24.2 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)
927908208470	MASTER PL-L 40W/840/4P 1CT/25	0.320 A	40.0 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
927903008470	MASTER PL-L 18W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903208470	MASTER PL-L 24W/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
927908208470	MASTER PL-L 40W/840/4P 1CT/25	-	-	-	-
927908708470	MASTER PL-L 55W/840/4P 1CT/25	-	-	-	-

General Information (2/2)

MASTER PL-L 4 Pin

Order Code	Full Product Name	LSF	LSF	LSF	System Description
		4000 h Rated	6000 h Rated	8000 h Rated	
927903008470	MASTER PL-L 18W/840/4P 1CT/25	98 %	96 %	94 %	na
927903208470	MASTER PL-L 24W/840/4P 1CT/25	98 %	96 %	94 %	na
927903408470	MASTER PL-L 36W/840/4P 1CT/25	98 %	96 %	94 %	na

Order Code	Full Product Name	LSF	LSF	LSF	System Description
		4000 h Rated	6000 h Rated	8000 h Rated	
927908208470	MASTER PL-L 40W/840/4P 1CT/25	-	-	-	High Frequency
927908708470	MASTER PL-L 55W/840/4P 1CT/25	-	-	-	High Frequency

Light Technical (1/2)

Order Code	Full Product Name	LLMF	LLMF	LLMF	LLMF
		12000 h Rated	2000 h Rated	4000 h Rated	6000 h Rated
927903008470	MASTER PL-L 18W/840/4P 1CT/25	90 %	94 %	93 %	92 %
927903208470	MASTER PL-L 24W/840/4P 1CT/25	90 %	94 %	93 %	92 %
927903408470	MASTER PL-L 36W/840/4P 1CT/25	90 %	94 %	93 %	92 %

Order Code	Full Product Name	LLMF	LLMF	LLMF	LLMF
		12000 h Rated	2000 h Rated	4000 h Rated	6000 h Rated
927908208470	MASTER PL-L 40W/840/4P 1CT/25	91 %	95 %	94 %	93 %
927908708470	MASTER PL-L 55W/840/4P 1CT/25	91 %	95 %	94 %	93 %

Light Technical (2/2)

Order Code	Full Product Name	LLMF	Luminous	Luminous	Luminous
		8000 h Rated	Efficacy (rated) (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
927903008470	MASTER PL-L 18W/840/4P 1CT/25	91 %	67 lm/W	1200 lm	1200 lm
927903208470	MASTER PL-L 24W/840/4P 1CT/25	91 %	75 lm/W	1800 lm	1800 lm
927903408470	MASTER PL-L 36W/840/4P 1CT/25	91 %	81 lm/W	2850 lm	2900 lm

Order Code	Full Product Name	LLMF	Luminous	Luminous	Luminous
		8000 h Rated	Efficacy (rated) (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
927908208470	MASTER PL-L 40W/840/4P 1CT/25	92 %	88 lm/W	3500 lm	3500 lm
927908708470	MASTER PL-L 55W/840/4P 1CT/25	92 %	87 lm/W	4700 lm	4800 lm

