



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



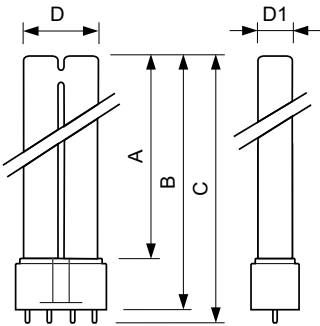
18 W 2G11



24 W 2G11



Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 18W/827/4P 1CT/25	39.0 mm	18.0 mm	194.2 mm	220 mm	226.6 mm
MASTER PL-L 18W/865/4P 1CT/25	39.0 mm	18.0 mm	194.2 mm	220 mm	226.6 mm
MASTER PL-L 36W/865/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 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 24W/827/4P 1CT/25	39.0 mm	18.0 mm	289.2 mm	315 mm	321.6 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/865/4P 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 (Nom) 2.0 mg

Controls and Dimming

Dimmable Yes

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 %

Temperature

Design Temperature (Nom) 30 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
927903008270	MASTER PL-L 18W/827/4P 1CT/25	18 kWh	2 mg
927903008370	MASTER PL-L 18W/830/4P 1CT/25	18 kWh	2 mg
927903086572	MASTER PL-L 18W/865/4P 1CT/25	18 kWh	2 mg
927903208270	MASTER PL-L 24W/827/4P 1CT/25	25 kWh	2 mg
927903286570	MASTER PL-L 24W/865/4P 1CT/25	25 kWh	2 mg
927903408472	MASTER PL-L 36W/840/4P 1CT/25	40 kWh	-
927903486572	MASTER PL-L 36W/865/4P 1CT/25	40 kWh	-
927908208470	MASTER PL-L 40W/840/4P 1CT/25	40 kWh	2 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927903008270	MASTER PL-L 18W/827/4P 1CT/25	0.375 A	18.0 W
927903008370	MASTER PL-L 18W/830/4P 1CT/25	0.375 A	18.0 W
927903086572	MASTER PL-L 18W/865/4P 1CT/25	0.375 A	18.0 W
927903208270	MASTER PL-L 24W/827/4P 1CT/25	0.345 A	24.2 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927903286570	MASTER PL-L 24W/865/4P 1CT/25	0.345 A	24.2 W
927903408472	MASTER PL-L 36W/840/4P 1CT/25	0.435 A	36.0 W
927903486572	MASTER PL-L 36W/865/4P 1CT/25	0.435 A	36 W
927908208470	MASTER PL-L 40W/840/4P 1CT/25	0.320 A	40.0 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
927903008270	MASTER PL-L 18W/ 827/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903008370	MASTER PL-L 18W/ 830/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903086572	MASTER PL-L 18W/ 865/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903208270	MASTER PL-L 24W/ 827/4P 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
927903286570	MASTER PL-L 24W/ 865/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903408472	MASTER PL-L 36W/ 840/4P 1CT/25	10000 h	15000 h	80 %	99 %
927903486572	MASTER PL-L 36W/ 865/4P 1CT/25	10000 h	15000 h	80 %	99 %
927908208470	MASTER PL-L 40W/ 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
927903008270	MASTER PL-L 18W/ 827/4P 1CT/25	98 %	96 %	94 %	na
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
927903086572	MASTER PL-L 18W/ 865/4P 1CT/25	98 %	96 %	94 %	na
927903208270	MASTER PL-L 24W/ 827/4P 1CT/25	98 %	96 %	94 %	na

MASTER PL-L 4 Pin

Order Code	Full Product Name	LSF	LSF	LSF	System
		4000 h	6000 h	8000 h	
Order Code	Full Product Name	Rated	Rated	Rated	Description
927903286570	MASTER PL-L 24W/ 865/4P 1CT/25	98 %	96 %	94 %	na
927903408472	MASTER PL-L 36W/ 840/4P 1CT/25	98 %	96 %	94 %	na

Order Code	Full Product Name	LSF	LSF	LSF	System
		4000 h	6000 h	8000 h	
Order Code	Full Product Name	Rated	Rated	Rated	Description
927903486572	MASTER PL-L 36W/ 865/4P 1CT/25	98 %	96 %	94 %	na
927908208470	MASTER PL-L 40W/ 840/4P 1CT/25	-	-	-	High Frequency

Light Technical (1/3)

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927903008270	MASTER PL-L 18W/827/4P 1CT/25	0.463	0.42	827	Incandescent White
927903008370	MASTER PL-L 18W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
927903086572	MASTER PL-L 18W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight
927903208270	MASTER PL-L 24W/827/4P 1CT/25	0.463	0.42	827	Incandescent White

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927903286570	MASTER PL-L 24W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight
927903408472	MASTER PL-L 36W/840/4P 1CT/25	-	-	840	Cool White (CW)
927903486572	MASTER PL-L 36W/865/4P 1CT/25	-	-	865	Cool Daylight
927908208470	MASTER PL-L 40W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)

Light Technical (2/3)

Order Code	Full Product Name	Correlated Colour	Colour	LLMF 12000 h Rated	LLMF 16000 h Rated	LLMF 2000 h Rated	LLMF 20000 h Rated	LLMF 4000 h Rated	LLMF 6000 h Rated	LLMF 8000 h Rated
		Temperature (Nom)	Rendering Index (Nom)							
927903008270	MASTER PL-L 18W/827/4P 1CT/25	2700 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
927903008370	MASTER PL-L 18W/830/4P 1CT/25	3000 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
927903086572	MASTER PL-L 18W/865/4P 1CT/25	6500 K	80	87 %	88 %	93 %	87 %	91 %	90 %	89 %
927903208270	MASTER PL-L 24W/827/4P 1CT/25	2700 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
927903286570	MASTER PL-L 24W/865/4P 1CT/25	6500 K	80	87 %	88 %	93 %	87 %	91 %	90 %	89 %
927903408472	MASTER PL-L 36W/ 840/4P 1CT/25	4100 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
927903486572	MASTER PL-L 36W/865/4P 1CT/25	6500 K	80	87 %	88 %	93 %	87 %	91 %	90 %	89 %
927908208470	MASTER PL-L 40W/ 840/4P 1CT/25	4000 K	80	91 %	90 %	95 %	90 %	94 %	93 %	92 %

Light Technical (3/3)

MASTER PL-L 4 Pin

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927903008270	MASTER PL-L 18W/827/4P 1CT/25	67 lm/W	1200 lm	1200 lm
927903008370	MASTER PL-L 18W/830/4P 1CT/25	67 lm/W	1200 lm	1200 lm
927903086572	MASTER PL-L 18W/865/4P 1CT/25	65 lm/W	1170 lm	1170 lm
927903208270	MASTER PL-L 24W/827/4P 1CT/25	75 lm/W	1800 lm	1800 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927903286570	MASTER PL-L 24W/865/4P 1CT/25	73 lm/W	1750 lm	1750 lm
927903408472	MASTER PL-L 36W/840/4P 1CT/25	81 lm/W	2900 lm	2900 lm
927903486572	MASTER PL-L 36W/865/4P 1CT/25	80 lm/W	2900 lm	2880 lm
927908208470	MASTER PL-L 40W/840/4P 1CT/25	88 lm/W	3500 lm	3500 lm

