



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

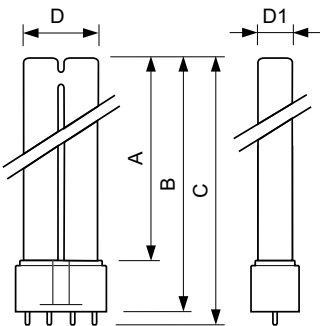


24 W 2G11



2G11

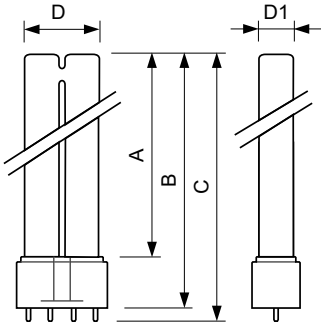
Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 55W/865/4P 1CT/25	39.0 mm	18.0 mm	509.2 mm	535 mm	541.6 mm
MASTER PL-L 55W/865/4P 1CT/25	39.0 mm	18.0 mm	509.2 mm	535 mm	541.6 mm
MASTER PL-L 36W/830/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm
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 18W/865/4P 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 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/865/4P 1CT/25	39.0 mm	18.0 mm	289.2 mm	315 mm	321.6 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 24W/830/4P 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

Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 32W/865/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm

Approval and Application

Mercury (Hg) Content (Nom)	2.0 mg
----------------------------	--------

Controls and Dimming

Dimmable	Yes
----------	-----

General Information

Cap-Base	2G11
----------	------

Approval and Application

Order Code	Full Product Name	Energy	
		Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
927903008370	MASTER PL-L 18W/830/4P 1CT/25	18 kWh	2 mg
927903008470	MASTER PL-L 18W/840/4P 1CT/25	18 kWh	2 mg
927903086572	MASTER PL-L 18W/865/4P 1CT/25	18 kWh	2 mg
927903208370	MASTER PL-L 24W/830/4P 1CT/25	25 kWh	2 mg
927903208470	MASTER PL-L 24W/840/4P 1CT/25	25 kWh	2 mg
927903286570	MASTER PL-L 24W/865/4P 1CT/25	25 kWh	2 mg
927903408370	MASTER PL-L 36W/830/4P 1CT/25	37 kWh	2 mg

Order Code	Full Product Name	Energy	
		Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
927903408470	MASTER PL-L 36W/840/4P 1CT/25	37 kWh	2 mg
927903486570	MASTER PL-L 36W/865/4P 1CT/25	37 kWh	2 mg
927907986501	MASTER PL-L 32W/865/4P 1CT/25	-	-
927908708370	MASTER PL-L 55W/830/4P 1CT/25	56 kWh	2 mg
927908708470	MASTER PL-L 55W/840/4P 1CT/25	56 kWh	2 mg
927908786570	MASTER PL-L 55W/865/4P 1CT/25	56 kWh	2 mg
927908786572	MASTER PL-L 55W/865/4P 1CT/25	61 kWh	-

Operating and Electrical

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (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

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927903086572	MASTER PL-L 18W/865/4P 1CT/25	0.375 A	-	18.0 W
927903208370	MASTER PL-L 24W/830/4P 1CT/25	0.345 A	-	24.2 W

MASTER PL-L 4 Pin

Order Code	Full Product Name	Lamp		Power	Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)			Current (Nom)	Voltage (Nom)	(Rated) (Nom)
927903208470	MASTER PL-L 24W/840/4P 1CT/25	0.345 A	-	24.2 W	927907986501	MASTER PL-L 32W/865/4P 1CT/25	0.32 A	95 V	31 W
927903286570	MASTER PL-L 24W/865/4P 1CT/25	0.345 A	-	24.2 W	927908708370	MASTER PL-L 55W/830/4P 1CT/25	0.525 A	-	55.3 W
927903408370	MASTER PL-L 36W/830/4P 1CT/25	0.435 A	-	36.3 W	927908708470	MASTER PL-L 55W/840/4P 1CT/25	0.525 A	-	55.3 W
927903408470	MASTER PL-L 36W/840/4P 1CT/25	0.435 A	-	36.3 W	927908786570	MASTER PL-L 55W/865/4P 1CT/25	0.525 A	-	55.3 W
927903486570	MASTER PL-L 36W/865/4P 1CT/25	0.435 A	-	36.3 W	927908786572	MASTER PL-L 55W/865/4P 1CT/25	0.525 A	-	55.0 W

General Information (1/2)

Order Code	Full Product Name	Life To 50%						
		Failures Preheat (Nom)	Life To 10% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF Preheat 16000 h Rated	LSF 2000 h Rated	LSF Preheat 20000 h Rated
927903008370	MASTER PL-L 18W/830/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903008470	MASTER PL-L 18W/840/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903086572	MASTER PL-L 18W/865/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903208370	MASTER PL-L 24W/830/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903208470	MASTER PL-L 24W/840/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903286570	MASTER PL-L 24W/865/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903408370	MASTER PL-L 36W/830/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903408470	MASTER PL-L 36W/840/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927903486570	MASTER PL-L 36W/865/4P 1CT/25	20000 h	10000 h	15000 h	80 %	82 %	99 %	50 %
927907986501	MASTER PL-L 32W/865/4P 1CT/25	12000 h	-	-	-	-	-	-
927908708370	MASTER PL-L 55W/830/4P 1CT/25	20000 h	-	-	-	82 %	-	50 %
927908708470	MASTER PL-L 55W/840/4P 1CT/25	20000 h	-	-	-	82 %	-	50 %
927908786570	MASTER PL-L 55W/865/4P 1CT/25	20000 h	-	-	-	82 %	-	50 %
927908786572	MASTER PL-L 55W/865/4P 1CT/25	20000 h	-	-	-	82 %	-	50 %

General Information (2/2)

Order Code	Full Product Name	LSF Preheat							System Description
		2000 h Rated	LSF 4000 h Rated	LSF Preheat 4000 h Rated	LSF 6000 h Rated	LSF Preheat 6000 h Rated	LSF 8000 h Rated	LSF Preheat 8000 h Rated	
927903008370	MASTER PL-L 18W/830/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903008470	MASTER PL-L 18W/840/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903086572	MASTER PL-L 18W/865/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903208370	MASTER PL-L 24W/830/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903208470	MASTER PL-L 24W/840/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903286570	MASTER PL-L 24W/865/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903408370	MASTER PL-L 36W/830/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na

MASTER PL-L 4 Pin

Order Code	Full Product Name	LSF Preheat	LSF 4000 h	LSF Preheat	LSF 6000 h	LSF Preheat	LSF 8000 h	LSF Preheat	System
		2000 h Rated	Rated	4000 h Rated	Rated	6000 h Rated	Rated	8000 h Rated	
927903408470	MASTER PL-L 36W/840/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927903486570	MASTER PL-L 36W/865/4P 1CT/25	99 %	98 %	99 %	96 %	98 %	94 %	97 %	na
927907986501	MASTER PL-L 32W/865/4P 1CT/25	-	-	-	-	-	-	-	-
927908708370	MASTER PL-L 55W/830/4P 1CT/25	99 %	-	99 %	-	98 %	-	97 %	High Frequency
927908708470	MASTER PL-L 55W/840/4P 1CT/25	99 %	-	99 %	-	98 %	-	97 %	High Frequency
927908786570	MASTER PL-L 55W/865/4P 1CT/25	99 %	-	99 %	-	98 %	-	97 %	High Frequency
927908786572	MASTER PL-L 55W/865/4P 1CT/25	99 %	-	99 %	-	98 %	-	97 %	High Frequency

Light Technical (1/3)

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour		Correlated Colour	Colour	LLMF 12000 h
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Colour Designation	Temperature (Nom)	Rendering Index (Nom)	
927903008370	MASTER PL-L 18W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)	3000 K	82	90 %
927903008470	MASTER PL-L 18W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)	4000 K	80	90 %
927903086572	MASTER PL-L 18W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight	6500 K	80	87 %
927903208370	MASTER PL-L 24W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)	3000 K	82	90 %
927903208470	MASTER PL-L 24W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)	4000 K	80	90 %
927903286570	MASTER PL-L 24W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight	6500 K	80	87 %
927903408370	MASTER PL-L 36W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)	3000 K	82	90 %
927903408470	MASTER PL-L 36W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)	4000 K	80	90 %
927903486570	MASTER PL-L 36W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight	6500 K	80	87 %
927907986501	MASTER PL-L 32W/865/4P 1CT/25	-	-	865	Cool Daylight	6500 K	79	-
927908708370	MASTER PL-L 55W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)	3000 K	82	91 %
927908708470	MASTER PL-L 55W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)	4000 K	80	91 %
927908786570	MASTER PL-L 55W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight	6500 K	80	90 %
927908786572	MASTER PL-L 55W/865/4P 1CT/25	-	-	865	Cool Daylight	6500 K	80	90 %

Light Technical (2/3)

Order Code	Full Product Name	LLMF	LLMF	LLMF	LLMF	LLMF	LLMF	Lumen	Lumen	Luminous Efficacy (rated) (Nom)
		16000 h Rated	2000 h Rated	20000 h Rated	4000 h Rated	6000 h Rated	8000 h Rated	Maintenance 2000 h (Nom)	Maintenance 5000 h (Nom)	
927903008370	MASTER PL-L 18W/ 830/4P 1CT/25	90 %	94 %	90 %	93 %	92 %	91 %	-	-	67 lm/W
927903008470	MASTER PL-L 18W/ 840/4P 1CT/25	90 %	94 %	90 %	93 %	92 %	91 %	-	-	67 lm/W
927903086572	MASTER PL-L 18W/865/4P 1CT/25	88 %	93 %	87 %	91 %	90 %	89 %	-	-	65 lm/W
927903208370	MASTER PL-L 24W/ 830/4P 1CT/25	90 %	94 %	90 %	93 %	92 %	91 %	-	-	75 lm/W
927903208470	MASTER PL-L 24W/ 840/4P 1CT/25	90 %	94 %	90 %	93 %	92 %	91 %	-	-	75 lm/W

MASTER PL-L 4 Pin

Order Code	Full Product Name	LLMF	LLMF	LLMF	LLMF	LLMF	LLMF	Lumen	Lumen	Luminous Efficacy (rated) (Nom)
		16000 h Rated	2000 h Rated	20000 h Rated	4000 h Rated	6000 h Rated	8000 h Rated	Maintenance 2000 h (Nom)	Maintenance 5000 h (Nom)	
927903286570	MASTER PL-L 24W/ 865/4P 1CT/25	88 %	93 %	87 %	91 %	90 %	89 %	-	-	73 lm/W
927903408370	MASTER PL-L 36W/ 830/4P 1CT/25	90 %	94 %	90 %	93 %	92 %	91 %	-	-	81 lm/W
927903408470	MASTER PL-L 36W/ 840/4P 1CT/25	90 %	94 %	90 %	93 %	92 %	91 %	-	-	81 lm/W
927903486570	MASTER PL-L 36W/ 865/4P 1CT/25	88 %	93 %	87 %	91 %	90 %	89 %	-	-	80 lm/W
927907986501	MASTER PL-L 32W/ 865/4P 1CT/25	-	-	-	-	-	-	85 %	80 %	87 lm/W
927908708370	MASTER PL-L 55W/ 830/4P 1CT/25	90 %	95 %	90 %	94 %	93 %	92 %	-	-	87 lm/W
927908708470	MASTER PL-L 55W/ 840/4P 1CT/25	90 %	95 %	90 %	94 %	93 %	92 %	-	-	87 lm/W
927908786570	MASTER PL-L 55W/ 865/4P 1CT/25	88 %	94 %	87 %	93 %	92 %	91 %	-	-	82 lm/W
927908786572	MASTER PL-L 55W/ 865/4P 1CT/25	88 %	94 %	87 %	93 %	92 %	91 %	-	-	82 lm/W

Light Technical (3/3)

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
927903008370	MASTER PL-L 18W/830/4P 1CT/25	1200 lm	1200 lm	927903408470	MASTER PL-L 36W/840/4P 1CT/25	2850 lm	2900 lm
927903008470	MASTER PL-L 18W/840/4P 1CT/25	1200 lm	1200 lm	927903486570	MASTER PL-L 36W/865/4P 1CT/25	2800 lm	2880 lm
927903086572	MASTER PL-L 18W/865/4P 1CT/25	1170 lm	1170 lm	927907986501	MASTER PL-L 32W/865/4P 1CT/25	2700 lm	-
927903208370	MASTER PL-L 24W/830/4P 1CT/25	1800 lm	1800 lm	927908708370	MASTER PL-L 55W/830/4P 1CT/25	4700 lm	4800 lm
927903208470	MASTER PL-L 24W/840/4P 1CT/25	1800 lm	1800 lm	927908708470	MASTER PL-L 55W/840/4P 1CT/25	4700 lm	4800 lm
927903286570	MASTER PL-L 24W/865/4P 1CT/25	1750 lm	1750 lm	927908786570	MASTER PL-L 55W/865/4P 1CT/25	4600 lm	4800 lm
927903408370	MASTER PL-L 36W/830/4P 1CT/25	2850 lm	2900 lm	927908786572	MASTER PL-L 55W/865/4P 1CT/25	4600 lm	4800 lm

Temperature

Order Code	Full Product Name	Design Temperature (Nom)	Order Code	Full Product Name	Design Temperature (Nom)
927903008370	MASTER PL-L 18W/830/4P 1CT/25	30 °C	927903408470	MASTER PL-L 36W/840/4P 1CT/25	30 °C
927903008470	MASTER PL-L 18W/840/4P 1CT/25	30 °C	927903486570	MASTER PL-L 36W/865/4P 1CT/25	30 °C
927903086572	MASTER PL-L 18W/865/4P 1CT/25	30 °C	927907986501	MASTER PL-L 32W/865/4P 1CT/25	-
927903208370	MASTER PL-L 24W/830/4P 1CT/25	30 °C	927908708370	MASTER PL-L 55W/830/4P 1CT/25	30 °C
927903208470	MASTER PL-L 24W/840/4P 1CT/25	30 °C	927908708470	MASTER PL-L 55W/840/4P 1CT/25	30 °C
927903286570	MASTER PL-L 24W/865/4P 1CT/25	30 °C	927908786570	MASTER PL-L 55W/865/4P 1CT/25	30 °C
927903408370	MASTER PL-L 36W/830/4P 1CT/25	30 °C	927908786572	MASTER PL-L 55W/865/4P 1CT/25	30 °C

MASTER PL-L 4 Pin

