



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



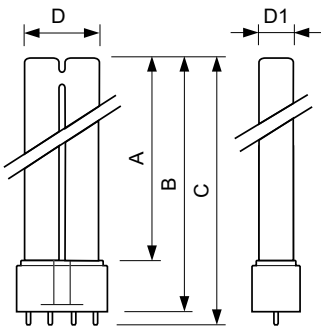
18 W 2G11



24 W 2G11



Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L 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 80W/ 830/4P 1CT/25	39.0 mm	18.0 mm	539.2 mm	565 mm	571.6 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 40W/ 830/4P 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 80W/ 840/4P 1CT/25	39.0 mm	18.0 mm	539.2 mm	565 mm	571.6 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

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 %

Temperature

Design Temperature (Nom)	30 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
70668340	MASTER PL-L 18W/830/4P 1CT/25	18 kWh
70669040	MASTER PL-L 18W/840/4P 1CT/25	18 kWh
63514340	MASTER PL-L 18W/865/4P 1CT/25	18 kWh
70671340	MASTER PL-L 24W/830/4P 1CT/25	25 kWh
70672040	MASTER PL-L 24W/840/4P 1CT/25	25 kWh
63517440	MASTER PL-L 24W/865/4P 1CT/25	25 kWh
70674440	MASTER PL-L 36W/830/4P 1CT/25	37 kWh
70675140	MASTER PL-L 36W/840/4P 1CT/25	37 kWh
63520440	MASTER PL-L 36W/865/4P 1CT/25	37 kWh
61094240	MASTER PL-L 40W/830/4P 1CT/25	40 kWh
61097340	MASTER PL-L 40W/840/4P 1CT/25	40 kWh
61541140	MASTER PL-L 55W/830/4P 1CT/25	56 kWh
61542840	MASTER PL-L 55W/840/4P 1CT/25	56 kWh
26170040	MASTER PL-L 55W/865/4P 1CT/25	56 kWh
86708740	MASTER PL-L 80W/830/4P 1CT/25	80 kWh
86712440	MASTER PL-L 80W/840/4P 1CT/25	80 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)	Order Code	Full Product Name	Lamp Current (Nom)	Power (Nom)
70668340	MASTER PL-L 18W/830/4P 1CT/25	0.375 A	18.0 W	63520440	MASTER PL-L 36W/865/4P 1CT/25	0.435 A	36.3 W
70669040	MASTER PL-L 18W/840/4P 1CT/25	0.375 A	18.0 W	61094240	MASTER PL-L 40W/830/4P 1CT/25	0.320 A	40.0 W
63514340	MASTER PL-L 18W/865/4P 1CT/25	0.375 A	18.0 W	61097340	MASTER PL-L 40W/840/4P 1CT/25	0.320 A	40.0 W
70671340	MASTER PL-L 24W/830/4P 1CT/25	0.345 A	24.2 W	61541140	MASTER PL-L 55W/830/4P 1CT/25	0.525 A	55.3 W
70672040	MASTER PL-L 24W/840/4P 1CT/25	0.345 A	24.2 W	61542840	MASTER PL-L 55W/840/4P 1CT/25	0.525 A	55.3 W
63517440	MASTER PL-L 24W/865/4P 1CT/25	0.345 A	24.2 W	26170040	MASTER PL-L 55W/865/4P 1CT/25	0.525 A	55.3 W
70674440	MASTER PL-L 36W/830/4P 1CT/25	0.435 A	36.3 W	86708740	MASTER PL-L 80W/830/4P 1CT/25	0.555 A	80.0 W
70675140	MASTER PL-L 36W/840/4P 1CT/25	0.435 A	36.3 W	86712440	MASTER PL-L 80W/840/4P 1CT/25	0.555 A	80.0 W

General Information (1/2)

Order Code	Full Product Name	Life To 10%	Life To 50%	LSF		Order Code	Full Product Name	Life To 10%	Life To 50%	LSF	
		Failures (Nom)	Failures (Nom)	12000 h Rated	LSF 2000 h Rated			Failures (Nom)	Failures (Nom)	12000 h Rated	LSF 2000 h Rated
70668340	MASTER PL-L 18W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %	63520440	MASTER PL-L 36W/865/4P 1CT/25	10000 h	15000 h	80 %	99 %
70669040	MASTER PL-L 18W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %	61094240	MASTER PL-L 40W/830/4P 1CT/25	-	-	-	-
63514340	MASTER PL-L 18W/865/4P 1CT/25	10000 h	15000 h	80 %	99 %	61097340	MASTER PL-L 40W/840/4P 1CT/25	-	-	-	-
70671340	MASTER PL-L 24W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %	61541140	MASTER PL-L 55W/830/4P 1CT/25	-	-	-	-
70672040	MASTER PL-L 24W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %	61542840	MASTER PL-L 55W/840/4P 1CT/25	-	-	-	-
63517440	MASTER PL-L 24W/865/4P 1CT/25	10000 h	15000 h	80 %	99 %	26170040	MASTER PL-L 55W/865/4P 1CT/25	-	-	-	-
70674440	MASTER PL-L 36W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %	86708740	MASTER PL-L 80W/830/4P 1CT/25	-	-	-	-
70675140	MASTER PL-L 36W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %						

MASTER PL-L 4 Pin

Order Code	Full Product Name	Life To 10%	Life To 50%	LSF	
		Failures (Nom)	Failures (Nom)	12000 h Rated	LSF 2000 h Rated
86712440	MASTER PL-L 80W/ 840/4P 1CT/25	-	-	-	-

General Information (2/2)

Order Code	Full Product Name	LSF	LSF	LSF	System Description
		4000 h Rated	6000 h Rated	8000 h Rated	
70668340	MASTER PL-L 18W/ 830/4P 1CT/25	98 %	96 %	94 %	na
70669040	MASTER PL-L 18W/ 840/4P 1CT/25	98 %	96 %	94 %	na
63514340	MASTER PL-L 18W/ 865/4P 1CT/25	98 %	96 %	94 %	na
70671340	MASTER PL-L 24W/ 830/4P 1CT/25	98 %	96 %	94 %	na
70672040	MASTER PL-L 24W/ 840/4P 1CT/25	98 %	96 %	94 %	na
63517440	MASTER PL-L 24W/ 865/4P 1CT/25	98 %	96 %	94 %	na
70674440	MASTER PL-L 36W/ 830/4P 1CT/25	98 %	96 %	94 %	na
70675140	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	
63520440	MASTER PL-L 36W/ 865/4P 1CT/25	98 %	96 %	94 %	na
61094240	MASTER PL-L 40W/ 830/4P 1CT/25	-	-	-	High Frequency
61097340	MASTER PL-L 40W/ 840/4P 1CT/25	-	-	-	High Frequency
61541140	MASTER PL-L 55W/ 830/4P 1CT/25	-	-	-	High Frequency
61542840	MASTER PL-L 55W/ 840/4P 1CT/25	-	-	-	High Frequency
26170040	MASTER PL-L 55W/ 865/4P 1CT/25	-	-	-	High Frequency
86708740	MASTER PL-L 80W/ 830/4P 1CT/25	-	-	-	High Frequency
86712440	MASTER PL-L 80W/ 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
70668340	MASTER PL-L 18W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
70669040	MASTER PL-L 18W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)
63514340	MASTER PL-L 18W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight
70671340	MASTER PL-L 24W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
70672040	MASTER PL-L 24W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)
63517440	MASTER PL-L 24W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
70674440	MASTER PL-L 36W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
70675140	MASTER PL-L 36W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)
63520440	MASTER PL-L 36W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight
61094240	MASTER PL-L 40W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
61097340	MASTER PL-L 40W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)
61541140	MASTER PL-L 55W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)

MASTER PL-L 4 Pin

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour	Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation			Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
61542840	MASTER PL-L 55W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)	86708740	MASTER PL-L 80W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)
26170040	MASTER PL-L 55W/865/4P 1CT/25	0.313	0.337	865	Cool Daylight	86712440	MASTER PL-L 80W/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)							
70668340	MASTER PL-L 18W/830/4P 1CT/25	3000 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
70669040	MASTER PL-L 18W/840/4P 1CT/25	4000 K	80	90 %	90 %	94 %	90 %	93 %	92 %	91 %
63514340	MASTER PL-L 18W/865/4P 1CT/25	6500 K	80	87 %	88 %	93 %	87 %	91 %	90 %	89 %
70671340	MASTER PL-L 24W/830/4P 1CT/25	3000 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
70672040	MASTER PL-L 24W/840/4P 1CT/25	4000 K	80	90 %	90 %	94 %	90 %	93 %	92 %	91 %
63517440	MASTER PL-L 24W/865/4P 1CT/25	6500 K	80	87 %	88 %	93 %	87 %	91 %	90 %	89 %
70674440	MASTER PL-L 36W/830/4P 1CT/25	3000 K	82	90 %	90 %	94 %	90 %	93 %	92 %	91 %
70675140	MASTER PL-L 36W/840/4P 1CT/25	4000 K	80	90 %	90 %	94 %	90 %	93 %	92 %	91 %
63520440	MASTER PL-L 36W/865/4P 1CT/25	6500 K	80	87 %	88 %	93 %	87 %	91 %	90 %	89 %
61094240	MASTER PL-L 40W/830/4P 1CT/25	3000 K	82	91 %	90 %	95 %	90 %	94 %	93 %	92 %
61097340	MASTER PL-L 40W/840/4P 1CT/25	4000 K	80	91 %	90 %	95 %	90 %	94 %	93 %	92 %
61541140	MASTER PL-L 55W/830/4P 1CT/25	3000 K	82	91 %	90 %	95 %	90 %	94 %	93 %	92 %
61542840	MASTER PL-L 55W/840/4P 1CT/25	4000 K	80	91 %	90 %	95 %	90 %	94 %	93 %	92 %
26170040	MASTER PL-L 55W/865/4P 1CT/25	6500 K	80	90 %	88 %	94 %	87 %	93 %	92 %	91 %
86708740	MASTER PL-L 80W/830/4P 1CT/25	3000 K	82	91 %	90 %	95 %	90 %	94 %	93 %	92 %
86712440	MASTER PL-L 80W/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)
70668340	MASTER PL-L 18W/ 830/4P 1CT/25	67 lm/W	1200 lm	1200 lm
70669040	MASTER PL-L 18W/ 840/4P 1CT/25	67 lm/W	1200 lm	1200 lm
63514340	MASTER PL-L 18W/ 865/4P 1CT/25	65 lm/W	1170 lm	1170 lm
70671340	MASTER PL-L 24W/ 830/4P 1CT/25	75 lm/W	1800 lm	1800 lm
70672040	MASTER PL-L 24W/ 840/4P 1CT/25	75 lm/W	1800 lm	1800 lm
63517440	MASTER PL-L 24W/ 865/4P 1CT/25	73 lm/W	1750 lm	1750 lm
70674440	MASTER PL-L 36W/ 830/4P 1CT/25	81 lm/W	2850 lm	2900 lm
70675140	MASTER PL-L 36W/ 840/4P 1CT/25	81 lm/W	2850 lm	2900 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
63520440	MASTER PL-L 36W/ 865/4P 1CT/25	80 lm/W	2800 lm	2880 lm
61094240	MASTER PL-L 40W/ 830/4P 1CT/25	88 lm/W	3500 lm	3500 lm
61097340	MASTER PL-L 40W/ 840/4P 1CT/25	88 lm/W	3500 lm	3500 lm
61541140	MASTER PL-L 55W/ 830/4P 1CT/25	87 lm/W	4700 lm	4800 lm
61542840	MASTER PL-L 55W/ 840/4P 1CT/25	87 lm/W	4700 lm	4800 lm
26170040	MASTER PL-L 55W/ 865/4P 1CT/25	82 lm/W	4600 lm	4800 lm
86708740	MASTER PL-L 80W/ 830/4P 1CT/25	75 lm/W	6000 lm	6000 lm
86712440	MASTER PL-L 80W/ 840/4P 1CT/25	75 lm/W	6000 lm	6000 lm

