



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



36W, 2G11, 4P



40W, 2G11, 4P



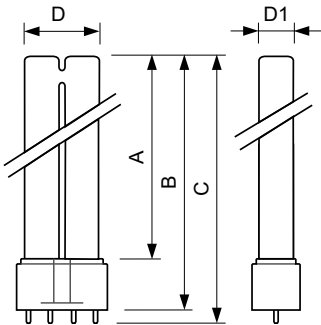
55W, 2G11, 4P



80W, 2G11, 4P

MASTER PL-L 4 Pin

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 36W/827/4P 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/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 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 24W/827/4P 1CT/25	39.0 mm	18.0 mm	289.2 mm	315 mm	321.6 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 (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 (EEL)	Energy Efficiency Label
70667640	MASTER PL-L 18W/827/4P 1CT/25	20 kWh	A
70668340	MASTER PL-L 18W/830/4P 1CT/25	20 kWh	A
70669040	MASTER PL-L 18W/840/4P 1CT/25	20 kWh	A
63514340	MASTER PL-L 18W/865/4P 1CT/25	20 kWh	A
70670640	MASTER PL-L 24W/827/4P 1CT/25	26 kWh	A
70671340	MASTER PL-L 24W/830/4P 1CT/25	26 kWh	A
70672040	MASTER PL-L 24W/840/4P 1CT/25	26 kWh	A
63517440	MASTER PL-L 24W/865/4P 1CT/25	26 kWh	A
70673740	MASTER PL-L 36W/827/4P 1CT/25	40 kWh	A
70674440	MASTER PL-L 36W/830/4P 1CT/25	40 kWh	A
70675140	MASTER PL-L 36W/840/4P 1CT/25	40 kWh	A
63520440	MASTER PL-L 36W/865/4P 1CT/25	40 kWh	A
61094240	MASTER PL-L 40W/830/4P 1CT/25	44 kWh	A+
61097340	MASTER PL-L 40W/840/4P 1CT/25	44 kWh	A+
61541140	MASTER PL-L 55W/830/4P 1CT/25	61 kWh	A
61542840	MASTER PL-L 55W/840/4P 1CT/25	61 kWh	A
26170040	MASTER PL-L 55W/865/4P 1CT/25	61 kWh	A
86708740	MASTER PL-L 80W/830/4P 1CT/25	88 kWh	A
86712440	MASTER PL-L 80W/840/4P 1CT/25	88 kWh	A

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
70667640	MASTER PL-L 18W/827/4P 1CT/25	0.375 A	18.0 W
70668340	MASTER PL-L 18W/830/4P 1CT/25	0.375 A	18.0 W
70669040	MASTER PL-L 18W/840/4P 1CT/25	0.375 A	18.0 W
63514340	MASTER PL-L 18W/865/4P 1CT/25	0.375 A	18.0 W
70670640	MASTER PL-L 24W/827/4P 1CT/25	0.345 A	24.0 W
70671340	MASTER PL-L 24W/830/4P 1CT/25	0.345 A	24.0 W
70672040	MASTER PL-L 24W/840/4P 1CT/25	0.345 A	24.0 W
63517440	MASTER PL-L 24W/865/4P 1CT/25	0.345 A	24.0 W
70673740	MASTER PL-L 36W/827/4P 1CT/25	0.435 A	36.0 W
70674440	MASTER PL-L 36W/830/4P 1CT/25	0.435 A	36 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
70675140	MASTER PL-L 36W/840/4P 1CT/25	0.435 A	36.0 W
63520440	MASTER PL-L 36W/865/4P 1CT/25	0.435 A	36 W
61094240	MASTER PL-L 40W/830/4P 1CT/25	0.320 A	40.0 W
61097340	MASTER PL-L 40W/840/4P 1CT/25	0.320 A	40 W
61541140	MASTER PL-L 55W/830/4P 1CT/25	0.525 A	55 W
61542840	MASTER PL-L 55W/840/4P 1CT/25	0.525 A	55.0 W
26170040	MASTER PL-L 55W/865/4P 1CT/25	0.525 A	55.0 W
86708740	MASTER PL-L 80W/830/4P 1CT/25	0.555 A	80 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% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF 2000 h Rated
70667640	MASTER PL-L 18W/827/4P 1CT/25	10000 h	15000 h	80 %	99 %
70668340	MASTER PL-L 18W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %
70669040	MASTER PL-L 18W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %
63514340	MASTER PL-L 18W/865/4P 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
70670640	MASTER PL-L 24W/827/4P 1CT/25	10000 h	15000 h	80 %	99 %
70671340	MASTER PL-L 24W/830/4P 1CT/25	10000 h	15000 h	80 %	99 %
70672040	MASTER PL-L 24W/840/4P 1CT/25	10000 h	15000 h	80 %	99 %
63517440	MASTER PL-L 24W/865/4P 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
70673740	MASTER PL-L 36W/ 827/4P 1CT/25	10000 h	15000 h	80 %	99 %
70674440	MASTER PL-L 36W/ 830/4P 1CT/25	10000 h	15000 h	80 %	99 %
70675140	MASTER PL-L 36W/ 840/4P 1CT/25	10000 h	15000 h	80 %	99 %
63520440	MASTER PL-L 36W/ 865/4P 1CT/25	10000 h	15000 h	80 %	99 %
61094240	MASTER PL-L 40W/ 830/4P 1CT/25	-	-	-	-
61097340	MASTER PL-L 40W/ 840/4P 1CT/25	-	-	-	-

Order Code	Full Product Name	Life To 10%	Life To 50%	LSF	
		Failures (Nom)	Failures (Nom)	12000 h Rated	LSF 2000 h Rated
61541140	MASTER PL-L 55W/ 830/4P 1CT/25	-	-	-	-
61542840	MASTER PL-L 55W/ 840/4P 1CT/25	-	-	-	-
26170040	MASTER PL-L 55W/ 865/4P 1CT/25	-	-	-	-
86708740	MASTER PL-L 80W/ 830/4P 1CT/25	-	-	-	-
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	
70667640	MASTER PL-L 18W/ 827/4P 1CT/25	98 %	96 %	94 %	na
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
70670640	MASTER PL-L 24W/ 827/4P 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
70673740	MASTER PL-L 36W/ 827/4P 1CT/25	98 %	96 %	94 %	na
70674440	MASTER PL-L 36W/ 830/4P 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	
70675140	MASTER PL-L 36W/ 840/4P 1CT/25	98 %	96 %	94 %	na
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	Color Code	Color Designation	Correlated Color	Color Rendering Index
				Temperature (Nom)	Index (Nom)
70667640	MASTER PL-L 18W/827/4P 1CT/25	827	Incandescent White	2700 K	82

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color	Color Rendering Index
				Temperature (Nom)	Index (Nom)
70668340	MASTER PL-L 18W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80

MASTER PL-L 4 Pin

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Order Code	Full Product Name	Color Code	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)
70669040	MASTER PL-L 18W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82	63520440	MASTER PL-L 36W/865/4P 1CT/25	865	Cool Daylight	6500 K	80
63514340	MASTER PL-L 18W/865/4P 1CT/25	865	Cool Daylight	6500 K	80	61094240	MASTER PL-L 40W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
70670640	MASTER PL-L 24W/827/4P 1CT/25	827	Incandescent White	2700 K	82	61097340	MASTER PL-L 40W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
70671340	MASTER PL-L 24W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80	61541140	MASTER PL-L 55W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
70672040	MASTER PL-L 24W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82	61542840	MASTER PL-L 55W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
63517440	MASTER PL-L 24W/865/4P 1CT/25	865	Cool Daylight	6500 K	80	26170040	MASTER PL-L 55W/865/4P 1CT/25	865	Cool Daylight	6500 K	80
70673740	MASTER PL-L 36W/827/4P 1CT/25	827	Incandescent White	2700 K	82	86708740	MASTER PL-L 80W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
70674440	MASTER PL-L 36W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80	86712440	MASTER PL-L 80W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
70675140	MASTER PL-L 36W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82						

Light Technical (2/3)

Order Code	Full Product Name	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	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
70667640	MASTER PL-L 18W/827/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	67 lm/W	1200 lm
70668340	MASTER PL-L 18W/830/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	67 lm/W	1200 lm
70669040	MASTER PL-L 18W/840/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	67 lm/W	1200 lm
63514340	MASTER PL-L 18W/865/4P 1CT/25	87 %	88 %	93 %	87 %	91 %	90 %	89 %	65 lm/W	1200 lm
70670640	MASTER PL-L 24W/827/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	75 lm/W	1800 lm
70671340	MASTER PL-L 24W/830/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	75 lm/W	1800 lm
70672040	MASTER PL-L 24W/840/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	75 lm/W	1800 lm
63517440	MASTER PL-L 24W/865/4P 1CT/25	87 %	88 %	93 %	87 %	91 %	90 %	89 %	73 lm/W	1800 lm

MASTER PL-L 4 Pin

Order Code	Full Product Name	LLMF 12000	LLMF 16000	LLMF 2000	LLMF 20000	LLMF 4000	LLMF 6000	LLMF 8000	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
		h Rated	h Rated	h Rated	h Rated	h Rated	h Rated	h Rated		
70673740	MASTER PL-L 36W/827/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	81 lm/W	2900 lm
70674440	MASTER PL-L 36W/830/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	81 lm/W	2900 lm
70675140	MASTER PL-L 36W/840/4P 1CT/25	90 %	90 %	94 %	90 %	93 %	92 %	91 %	81 lm/W	2900 lm
63520440	MASTER PL-L 36W/865/4P 1CT/25	87 %	88 %	93 %	87 %	91 %	90 %	89 %	80 lm/W	2900 lm
61094240	MASTER PL-L 40W/830/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	88 lm/W	3500 lm
61097340	MASTER PL-L 40W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	88 lm/W	3500 lm
61541140	MASTER PL-L 55W/830/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	87 lm/W	4800 lm
61542840	MASTER PL-L 55W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	87 lm/W	4800 lm
26170040	MASTER PL-L 55W/865/4P 1CT/25	90 %	88 %	94 %	87 %	93 %	92 %	91 %	82 lm/W	4600 lm
86708740	MASTER PL-L 80W/830/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	75 lm/W	6000 lm
86712440	MASTER PL-L 80W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	75 lm/W	6000 lm

Light Technical (3/3)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
70667640	MASTER PL-L 18W/827/4P 1CT/25	1200 lm	70675140	MASTER PL-L 36W/840/4P 1CT/25	2900 lm
70668340	MASTER PL-L 18W/830/4P 1CT/25	1200 lm	63520440	MASTER PL-L 36W/865/4P 1CT/25	2880 lm
70669040	MASTER PL-L 18W/840/4P 1CT/25	1200 lm	61094240	MASTER PL-L 40W/830/4P 1CT/25	3500 lm
63514340	MASTER PL-L 18W/865/4P 1CT/25	1170 lm	61097340	MASTER PL-L 40W/840/4P 1CT/25	3500 lm
70670640	MASTER PL-L 24W/827/4P 1CT/25	1800 lm	61541140	MASTER PL-L 55W/830/4P 1CT/25	4800 lm
70671340	MASTER PL-L 24W/830/4P 1CT/25	1800 lm	61542840	MASTER PL-L 55W/840/4P 1CT/25	4800 lm
70672040	MASTER PL-L 24W/840/4P 1CT/25	1800 lm	26170040	MASTER PL-L 55W/865/4P 1CT/25	4800 lm
63517440	MASTER PL-L 24W/865/4P 1CT/25	1750 lm	86708740	MASTER PL-L 80W/830/4P 1CT/25	6000 lm
70673740	MASTER PL-L 36W/827/4P 1CT/25	2900 lm	86712440	MASTER PL-L 80W/840/4P 1CT/25	6000 lm
70674440	MASTER PL-L 36W/830/4P 1CT/25	2900 lm			

