



For ultimate reliability!

MASTER PL-L Xtra 4 Pin

MASTER PL-L Xtra is a medium to high-wattage linear compact fluorescent lamp, typically used for general-illumination ceiling luminaires in retail, hospitality and office applications demanding higher lighting levels. MASTER PL-L Xtra lamps furthermore provide significantly lower operating costs thanks to their lifetime, which is more than double that of a standard MASTER PL-L lamp, and their very low early failure rate. The original Philips-invented bridge technology guarantees optimum performance in the application, enabling more light and higher efficacy than the bended technology. It is designed for operation on electromagnetic as well as HF electronic gear and is provided with a plug-in/pull-out lamp base.

Benefits

- Less hassle and lower maintenance costs and facilitating the change from spot to group replacement
- Optimal light performance for long operation per switch-on
- Multiple light color choice
- Good color rendering (CRI >80)
- Dimming possible down to 30%

Features

- 4-pin base
- Extra long lifetime and less early failures
- Fluorescent tri-phosphor technology
- Low light depreciation over lamp life

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Application

- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls, tunnels and public areas

Versions



36W, 2G11, 4P

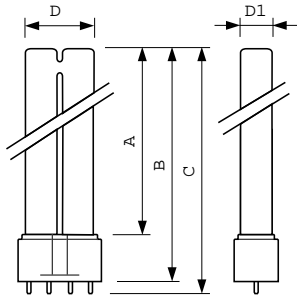


24W, 2G11, 4P, Lifetime Guarantee



55W, 2G11, 4P

Dimensional drawing



Product	D (max)	D1 (max)	A (max)	B (max)	C (max)
MASTER PL-L Xtra 36W/ 840/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm
MASTER PL-L XTRA 24W/ 830/4P 1CT/25	39.0 mm	18.0 mm	290 mm	315 mm	321.6 mm
MASTER PL-L Xtra 55W/ 840/4P 1CT/25	39.0 mm	18.0 mm	509.2 mm	535 mm	541.6 mm
MASTER PL-L Xtra 36W/ 830/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm
MASTER PL-L XTRA 24W/ 840/4P 1CT/25	39.0 mm	18.0 mm	290 mm	315 mm	321.6 mm

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Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	3.0 mg

Controls and Dimming

Dimmable	Yes
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General Information

Cap-Base	2G11
Life To 50% Failures Preheat (Nom)	36000 h
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	94 %
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %

Temperature

Design Temperature (Nom)	30 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	40 kWh
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	40 kWh
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	26 kWh
927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	26 kWh
927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	61 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	0.435 A	36.0 W
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	0.435 A	36.0 W
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	0.345 A	24 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	0.345 A	24.0 W
927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	0.525 A	55.0 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 16000 h Rated
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	14000 h	21000 h	95 %	88 %
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	14000 h	21000 h	95 %	88 %
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	14000 h	21000 h	95 %	88 %

Order Code	Full Product Name	Life To 10% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF 16000 h Rated
927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	14000 h	21000 h	95 %	88 %
927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	-	-	-	-

General Information (2/2)

Order Code	Full Product Name	LSF 2000 h Rated	LSF 20000 h Rated	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated	System Description
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	-
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	-
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	-
927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	-
927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	-	-	-	-	-	High Frequency

Light Technical (1/3)

MASTER PL-L Xtra 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)
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80	927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82	927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80						

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)
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	81 lm/W	2900 lm
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	81 lm/W	2900 lm
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	75 lm/W	1800 lm
927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	75 lm/W	1800 lm
927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	91 %	90 %	95 %	90 %	94 %	93 %	92 %	87 lm/W	4800 lm

Light Technical (3/3)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
927904783014	MASTER PL-L Xtra 36W/830/4P 1CT/25	2900 lm	927907584015	MASTER PL-L XTRA 24W/840/4P 1CT/25	1800 lm
927904784014	MASTER PL-L Xtra 36W/840/4P 1CT/25	2900 lm	927908884014	MASTER PL-L Xtra 55W/840/4P 1CT/25	4800 lm
927907583015	MASTER PL-L XTRA 24W/830/4P 1CT/25	1800 lm			

