



Product Description

MASTER PL-L Xtra 4 Pin

Energy-saving compact fluorescent lamps Compact long-arc low-pressure mercury discharge lamp Envelope consists of 2 parallel fluorescent tubes

Benefits

- Extra long life
- Longer lifetime and less early failures lead to less hassle and lower maintenance costs and facilitate the change from spot to group replacement
- Optimal light performance for long operation per switch on

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
- Significant reduction of early failures
- Extra long and reliable lifetime

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

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 Xtra 4 Pin

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/ 830/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 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 24W/ 840/4P 1CT/25	39.0 mm	18.0 mm	290 mm	315 mm	321.6 mm
MASTER PL-L Xtra 36W/ 840/4P 1CT/25	39.0 mm	18.0 mm	384.2 mm	410 mm	416.6 mm

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
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	40 kWh
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	40 kWh
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	26 kWh
89764040	MASTER PL-L XTRA 55W/840/4P 1CT/25	61 kWh

Operating and Electrical

MASTER PL-L Xtra 4 Pin

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	0.435 A	36.0 W
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	0.435 A	36.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	0.345 A	24.0 W
89764040	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%	Life To 50%	LSF	LSF
		Failures (Nom)	Failures (Nom)	12000 h Rated	16000 h Rated
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	14000 h	21000 h	95 %	88 %
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	14000 h	21000 h	95 %	88 %

Order Code	Full Product Name	Life To 10%	Life To 50%	LSF	LSF
		Failures (Nom)	Failures (Nom)	12000 h Rated	16000 h Rated
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	14000 h	21000 h	95 %	88 %
89764040	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
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	na
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	na
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	na
89764040	MASTER PL-L XTRA 55W/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)	(Nom)
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	830	Warm White (WW)	3000 K	>80
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82

Order Code	Full Product Name	Color Code	Color Designation	Correlated Color	Color Rendering Index
				Temperature (Nom)	(Nom)
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	840	Cool White (CW)	4000 K	82
89764040	MASTER PL-L XTRA 55W/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)
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	81 lm/W	2900 lm
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	81 lm/W	2900 lm
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	90 %	89 %	94 %	88 %	93 %	92 %	91 %	75 lm/W	1800 lm
89764040	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)

MASTER PL-L Xtra 4 Pin

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
89758940	MASTER PL-L XTRA 36W/830/4P 1CT/25	2900 lm
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	2900 lm

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	1800 lm
89764040	MASTER PL-L XTRA 55W/840/4P 1CT/25	4800 lm

