



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



Approval and Application

Mercury (Hg) Content (Nom)	3.0 mg
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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	Mercury (Hg) Content (Max)
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	37 kWh	3 mg
26767240	MASTER PL-L XTRA 24W/830/4P 1CT/25	25 kWh	3 mg
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	25 kWh	3 mg
89764040	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)
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	0.435 A	36.3 W
26767240	MASTER PL-L XTRA 24W/830/4P 1CT/25	0.345 A	24.3 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	24.3 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% Failures (Nom)	Life To 50% Failures (Nom)	LSF 12000 h Rated	LSF 16000 h Rated
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	14000 h	21000 h	95 %	88 %
26767240	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
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)

MASTER PL-L Xtra 4 Pin

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
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	99 %	58 %	99 %	98 %	97 %	na
26767240	MASTER PL-L XTRA 24W/830/4P 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	Chromaticity		Colour		Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation			Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)	26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	0.38	0.38	840	Cool White (CW)
26767240	MASTER PL-L XTRA 24W/830/4P 1CT/25	0.44	0.403	830	Warm white (WW)	89764040	MASTER PL-L XTRA 55W/840/4P 1CT/25	-	-	840	Cool White (CW)

Light Technical (2/3)

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	LLMF 12000	LLMF 16000	LLMF 2000	LLMF 20000	LLMF 4000	LLMF 6000	LLMF 8000
				h Rated	h Rated	h Rated	h Rated	h Rated	h Rated	
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	4000 K	80	90 %	89 %	94 %	88 %	93 %	92 %	91 %
26767240	MASTER PL-L XTRA 24W/830/4P 1CT/25	3000 K	82	90 %	89 %	94 %	88 %	93 %	92 %	91 %
26770240	MASTER PL-L XTRA 24W/840/4P 1CT/25	4000 K	80	90 %	89 %	94 %	88 %	93 %	92 %	91 %
89764040	MASTER PL-L XTRA 55W/840/4P 1CT/25	4000 K	82	91 %	90 %	95 %	90 %	94 %	93 %	92 %

Light Technical (3/3)

Order Code	Full Product Name	Luminous			Order Code	Full Product Name	Luminous		
		Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)			Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
89760240	MASTER PL-L XTRA 36W/840/4P 1CT/25	81 lm/W	2800 lm	2900 lm	26767240	MASTER PL-L XTRA 24W/830/4P 1CT/25	75 lm/W	1800 lm	1800 lm

