



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

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.

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 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/ 830/4P 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 |
| 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 |
|----------|-----|

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 |
|--------------------------|-------|

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 | | | |

