



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

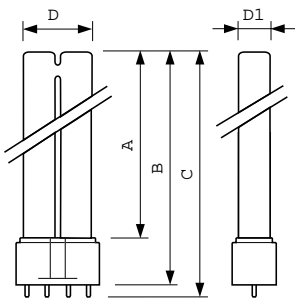
- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls,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

MASTER PL-L Xtra 4 Pin

Versions



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 24W/ 840/4P 1CT/25 | 39.0 mm | 18.0 mm | 290 mm | 315 mm | 321.6 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 |

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 |
|------------|------------------------------------|-------------------------------|
| 89760240 | MASTER PL-L XTRA 36W/840/4P 1CT/25 | 40 kWh |
| 26767240 | MASTER PL-L XTRA 24W/830/4P 1CT/25 | 26 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) |
|------------|------------------------------------|--------------------|---------------------|
| 89760240 | MASTER PL-L XTRA 36W/840/4P 1CT/25 | 0.435 A | 36.0 W |
| 26767240 | 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) |
|------------|------------------------------------|--------------------|---------------------|
| 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% 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)

| 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 | Colour Code | Colour Designation | Correlated Colour Temperature (Nom) | Colour Rendering Index (Nom) |
|------------|------------------------------------|-------------|--------------------|-------------------------------------|------------------------------|
| 89760240 | MASTER PL-L XTRA 36W/840/4P 1CT/25 | 840 | Cool White (CW) | 4000 K | 82 |
| 26767240 | MASTER PL-L XTRA 24W/830/4P 1CT/25 | 830 | Warm white (WW) | 3000 K | >80 |

| Order Code | Full Product Name | Colour Code | Colour Designation | Correlated Colour Temperature (Nom) | Colour Rendering Index (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) |
|------------|------------------------------------|--------------------|--------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------------|---------------------|
| 89760240 | MASTER PL-L XTRA 36W/840/4P 1CT/25 | 90 % | 89 % | 94 % | 88 % | 93 % | 92 % | 91 % | 81 lm/W | 2900 lm |
| 26767240 | MASTER PL-L XTRA 24W/830/4P 1CT/25 | 90 % | 89 % | 94 % | 88 % | 93 % | 92 % | 91 % | 75 lm/W | 1800 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) | Order Code | Full Product Name | Luminous Flux (Rated) (Nom) |
|------------|------------------------------------|-----------------------------|------------|------------------------------------|-----------------------------|
| 89760240 | MASTER PL-L XTRA 36W/840/4P 1CT/25 | 2900 lm | 26770240 | MASTER PL-L XTRA 24W/840/4P 1CT/25 | 1800 lm |
| 26767240 | MASTER PL-L XTRA 24W/830/4P 1CT/25 | 1800 lm | 89764040 | MASTER PL-L XTRA 55W/840/4P 1CT/25 | 4800 lm |

