

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

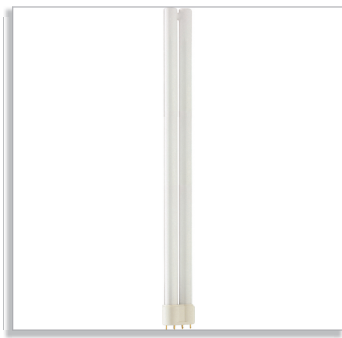
- Designed for general lighting in shops, offices, hotels and specific task lighting, as well as outdoors in residential areas and parks
- Suitable for use in applications where maintenance costs are high (high ceilings, difficult to reach): department stores, supermarkets, warehouses, production halls,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

Warnings and Safety

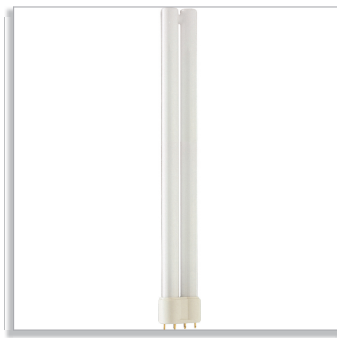
- Lamp light technical and electrical characteristics are influenced by operating conditions, i.e. lamp ambient temperature and operating position as well as applied control gear
- Shorter lamp life when often switching and not well pre-heated electrodes
- A lamp breaking is extremely unlikely to have 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.

PHILIPS

Related products



36W, 2G11, 4P

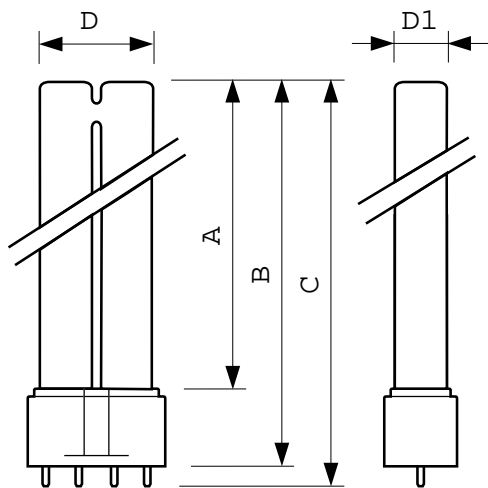


24W, 2G11, 4P, Lifetime Guarantee



55W, 2G11, 4P

Dimensional drawing



2G11, 4P

PL-L Xtra 24W/830/4P

| Product | D | D1 | A | B | C |
|------------------------------------|---------|---------|--------|--------|----------|
| MASTER PL-L Xtra 24W/830/4P 1CT/25 | 39.0 mm | 18.0 mm | 290 mm | 315 mm | 321.6 mm |

General Information (1/2)

| order code | Cap-Base | Life To 50% Failures Preheat (Nom) | Life To 10% Failures (Nom) | Life To 50% Failures (Nom) | LSF 12000 h Rated | LSF 16000 h Rated | LSF Preheat 16000 h Rated | LSF 2000 h Rated | LSF 20000 h Rated | LSF Preheat 20000 h Rated |
|------------|----------|------------------------------------|----------------------------|----------------------------|-------------------|-------------------|---------------------------|------------------|-------------------|---------------------------|
| 89758940 | 2G11 | 36000 | 14000 | 21000 | 95 | 88 | 97 | 99 | 58 | 94 |
| 89760240 | 2G11 | 36000 | 14000 | 21000 | 95 | 88 | 97 | 99 | 58 | 94 |
| 26767240 | 2G11 | 36000 | 14000 | 21000 | 95 | 88 | 97 | 99 | 58 | 94 |

| order code | Cap-Base | Life To 50% Failures Preheat (Nom) | Life To 10% Failures (Nom) | Life To 50% Failures (Nom) | LSF 12000 h Rated | LSF 16000 h Rated | LSF Preheat 16000 h Rated | LSF 2000 h Rated | LSF 20000 h Rated | LSF Preheat 20000 h Rated |
|------------|----------|------------------------------------|----------------------------|----------------------------|-------------------|-------------------|---------------------------|------------------|-------------------|---------------------------|
| 26770240 | 2G11 | 36000 | 14000 | 21000 | 95 | 88 | 97 | 99 | 58 | 94 |
| 89762640 | 2G11 | 36000 | - | - | - | - | 97 | - | - | 94 |
| 89764040 | 2G11 | 36000 | - | - | - | - | 97 | - | - | 94 |

General Information (2/2)

| order code | LSF Preheat 2000 h Rated | LSF 4000 h Rated | LSF Preheat 4000 h Rated | LSF 6000 h Rated | LSF Preheat 6000 h Rated | LSF 8000 h Rated | LSF Preheat 8000 h Rated | System Description |
|------------|--------------------------|------------------|--------------------------|------------------|--------------------------|------------------|--------------------------|--------------------|
| 89758940 | 99 | 99 | 99 | 98 | 99 | 97 | 99 | na |
| 89760240 | 99 | 99 | 99 | 98 | 99 | 97 | 99 | na |
| 26767240 | 99 | 99 | 99 | 98 | 99 | 97 | 99 | na |
| 26770240 | 99 | 99 | 99 | 98 | 99 | 97 | 99 | na |
| 89762640 | 99 | - | 99 | - | 99 | - | 99 | High Frequency |
| 89764040 | 99 | - | 99 | - | 99 | - | 99 | High Frequency |

Light Technical (1/2)

| order code | Chromaticity Coordinate X (Nom) | Chromaticity Coordinate Y (Nom) | Color Designation | Correlated Color Temperature (Nom) | Color Rendering Index (Nom) | LLMF 12000 h Rated | LLMF 16000 h Rated | LLMF 2000 h Rated | LLMF 20000 h Rated | LLMF 4000 h Rated |
|------------|---------------------------------|---------------------------------|-------------------|------------------------------------|-----------------------------|--------------------|--------------------|-------------------|--------------------|-------------------|
| 89758940 | 440 | 405 | Warm white (WW) | 3000 | 82 | 90 | 89 | 94 | 88 | 93 |
| 89760240 | 380 | 380 | Cool White (CW) | 4000 | 82 | 90 | 89 | 94 | 88 | 93 |
| 26767240 | 440 | 405 | Warm white (WW) | 3000 | 82 | 90 | 89 | 94 | 88 | 93 |
| 26770240 | 381 | 379 | Cool White (CW) | 4000 | 82 | 90 | 89 | 94 | 88 | 93 |
| 89762640 | 440 | 405 | Warm white (WW) | 3000 | 82 | 91 | 90 | 95 | 90 | 94 |
| 89764040 | 380 | 380 | Cool White (CW) | 4000 | 82 | 91 | 90 | 95 | 90 | 94 |

Light Technical (2/2)

| order code | LLMF 6000 h Rated | LLMF 8000 h Rated | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) |
|------------|-------------------|-------------------|---------------------------------|---------------------|-----------------------------|
| 89758940 | 92 | 91 | 81 | 2900 | 2900 |
| 89760240 | 92 | 91 | 81 | 2900 | 2900 |
| 26767240 | 92 | 91 | 75 | 1800 | 1800 |
| 26770240 | 92 | 91 | 75 | 1800 | 1800 |
| 89762640 | 93 | 92 | 87 | 4800 | 4800 |
| 89764040 | 93 | 92 | 87 | 4800 | 4800 |

| order code | Lamp Current (Nom) | Power (Rated) (Nom) |
|------------|--------------------|---------------------|
| 89762640 | 0.525 | 55.0 |
| 89764040 | 0.525 | 55.0 |

Temperature

| order code | Design Temperature (Nom) |
|------------|--------------------------|
| 89758940 | 30 |
| 89760240 | 30 |
| 26767240 | 30 |
| 26770240 | 30 |
| 89762640 | 30 |
| 89764040 | 30 |

Operating and Electrical

| order code | Lamp Current (Nom) | Power (Rated) (Nom) |
|------------|--------------------|---------------------|
| 89758940 | 0.435 | 36.0 |
| 89760240 | 0.435 | 36.0 |
| 26767240 | 0.345 | 24 |
| 26770240 | 0.345 | 24.0 |

Approval and Application

| order code | Energy Consumption kWh/1000 h | Energy Efficiency Label (EEL) | Mercury (Hg) Content (Nom) |
|------------|-------------------------------|-------------------------------|----------------------------|
| 89758940 | 40 | A | 3.0 |
| 89760240 | 40 | A | 3.0 |
| 26767240 | 26 | A | 3.0 |
| 26770240 | 26 | A | 3.0 |

| order code | Energy Consumption kWh/1000 h | Energy Efficiency Label (EEL) | Mercury (Hg) Content (Nom) |
|------------|-------------------------------|-------------------------------|----------------------------|
| 89762640 | 61 | A | 3.0 |
| 89764040 | 61 | A | 3.0 |



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data subject to change