



MASTER Ultra Efficient LED bulb

MAS LEDBulbND4-60W E27 840 A60 CL G UE

MASTER, LEDbulb, A60, 60 W, E27, 4000 K, 840 lm, CRI 80, 50000 h, Glass

This is the most efficient LED bulb from Philips brand. 210lm/W helps to concrete the company statement of sustainability. 50000 hour lifetime helps to extend the replacement cycle to reduce the waste. This is not only a high SPEC product, but also keeps the light quality of Philips brand

Product data

| General Information | |
|----------------------------|----------|
| Cap base | E27 |
| Nominal lifetime | 50,000 h |
| Switching Cycle | 500,000 |
| Lighting Technology | LEDbulb |
| Flux measurement reference | Sphere |
| Warranty period | 5 years |

| Light Technical | |
|-------------------------------------|--------------------|
| Colour Code | 840 [CCT of 4000K] |
| Beam angle (nom.) | 300 degree(s) |
| Luminous Flux | 840 lm |
| Colour designation | Cool White (CW) |
| Correlated Colour Temperature (Nom) | 4000 K |
| Luminous efficacy (rated) (nom.) | 210 lm/W |
| Colour consistency | <6 |
| Colour rendering index (CRI) | 80 |

| | |
|--|------|
| LLMF at end of nominal lifetime (nom.) | 70 % |
| Photobiological safety according to EN 62471 | RG1 |

| Operating and Electrical | |
|---------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Input frequency | 50 to 60 Hz |
| Power Consumption | 4 W |
| Lamp current (nom.) | 43 mA |
| Wattage equivalent | 60 W |
| Starting time (nom.) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.4 |
| Voltage (nom.) | 220-240 V |

| Temperature | |
|-----------------------|-------|
| T-Case maximum (nom.) | 70 °C |

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Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|--------------------|----------|
| Lamp Finish | Clear |
| Bulb material | Glass |
| Bulb shape | A60 |
| Net Weight (Piece) | 0.030 kg |

Approval and Application

| | |
|------------------------------------|---|
| Energy Efficiency Class | A |
| Energy consumption kWh/1,000 hours | 4 kWh |
| EPREL Registration Number | 1442613 |
| CE mark | Yes |
| Photobiological risk | Photobiological risk group 1 @ 200mm to EN62471 |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| LED innovations | UltraEfficient |
| Flickering value (PstLM) | 1 |

| | |
|---------------------------|---------------|
| Stroboscopic effect | 0.4 |
| Ambient temperature range | -20 to +45 °C |

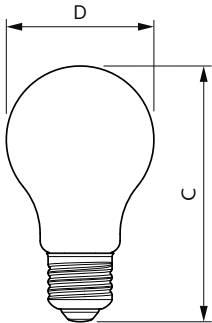
Application Conditions

| | |
|-------------------------------------|----|
| Can it be used in closed luminaires | No |
|-------------------------------------|----|

Product Data

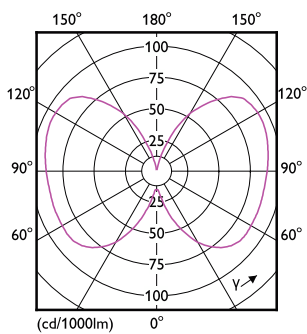
| | |
|---------------------------------|--|
| Order product name | MAS LEDBulbND4-60W E27 840 A60 CL G UE |
| Full product name | MAS LEDBulbND4-60W E27 840 A60 CL G UE |
| Full EOC | 872016918853200 |
| Order code | 929003623902 |
| Material no. (12 NC) | 929003623902 |
| Numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8720169188532 |
| Numerator – packs per outer box | 10 |
| EAN/UPC - Case | 8720169188549 |

Dimensional drawing

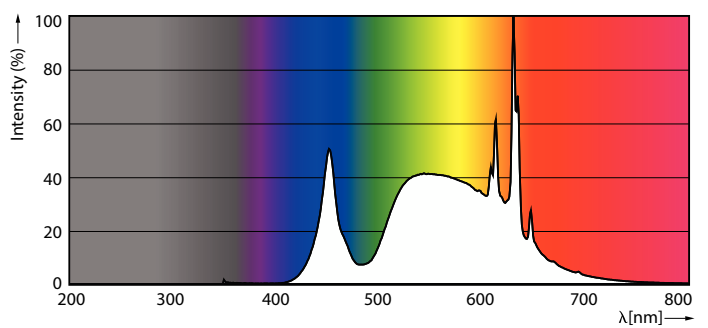


| Product | D | C |
|--|-------|--------|
| MAS LEDBulbND4-60W E27 840 A60 CL G UE | 60 mm | 104 mm |

Photometric data



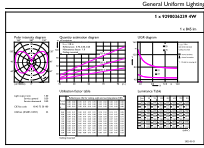
Light Distribution Diagram - MAS LEDBulbND4-60W E27 840 A60 CL G UE



Spectral Power Distribution Colour - MAS LEDBulbND4-60W E27 840 A60 CL G UE

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Photometric data



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General uniform lighting - MAS LEDBulbND4-60W E27 840 A60 CL G UE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND4-60W E27 840 A60 CL G UE

