PHILIPS Lighting





MASTER Ultra Efficient LED bulb

MAS LEDBulbND7.3-100WE27840 A70 FRG UE

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 [E27] |
| Nominal lifetime | 50,000 h |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| | |
| Light technical | |
| Colour Code | 840 [CCT of 4000K] |
| Luminous Flux | 1,535 lm |
| Colour designation | Cool White (CW) |
| Correlated Colour Temperature | 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 % |
| | |
| Operating and electrical | |

50 to 60 Hz 50 to 60 Hz

| Power Consumption | 7.3 W |
|---------------------------|---------------|
| Lamp current (nom.) | 70 mA |
| Wattage equivalent | 100 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 |
| | |
| Controls and dimming | |
| Dimmable | No |
| | |
| Mechanical and housing | |
| Lamp Finish | Frosted |
| Bulb shape | A70 [A 70 mm] |
| | |
| Approval and application | |
| Energy Efficiency Class | A |
| | |

Line Frequency

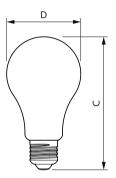
Input frequency

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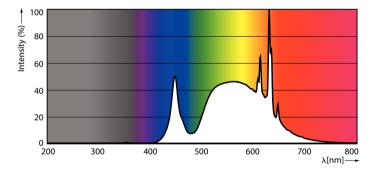
| Energy consumption kWh/1,000 hours | 8 kWh | |
|------------------------------------|--|--|
| EPREL registration number | 1370037 | |
| CE mark | Yes | |
| EU RoHS compliant | Yes | |
| | | |
| Product data | | |
| Full EOC | 871951443585800 | |
| Order product name | MAS LEDBulbND7.3-100WE27840 A70 FRG UE | |
| | | |

| Order code | 43585800 | |
|-----------------------------------|--|--|
| SAP numerator - quantity per pack | 1 | |
| Numerator – packs per outer box | 10 | |
| Material number (12NC) | 929003480302 | |
| Full product name | MAS LEDBulbND7.3-100WE27840 A70 FRG UE | |
| EAN/UPC - Case | 8719514435865 | |
| | | |

Dimensional drawing

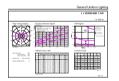


| Product | D | с |
|--|-------|--------|
| MAS LEDBulbND7.3-100WE27840 A70 FRG UE | 70 mm | 127 mm |

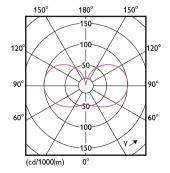


Spectral Power Distribution Colour - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

Photometric data



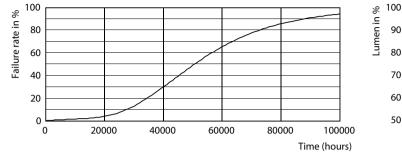
General uniform lighting - MAS LEDBulbND7.3-100WE27840 A70 FRG UE



Light Distribution Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

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Lifetime



Life Expectancy Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

8 100 90 80 70 60 50 0 1000 2000 3000 4000 5000 60000 Burning hours

Lumen Maintenance Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE



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