# MASTER UltraEfficient 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 the high SPEC product, but also keep the light quality of Philips brand

## Product data

### General Information

| | |
|---|---|
| Cap-Base | E27 |
| Nominal lifetime | 50,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |

### Light Technical

| | |
|---|---|
| Color Code | 840 [CCT of 4000K] |
| Luminous Flux | 1,535 lm |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 210 lm/W |
| Color Consistency | <6 |
| Color 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 | 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 |

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## Controls and Dimming

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

## Mechanical and Housing

| | |
|---|---|
| Bulb Finish | Frosted |
| Bulb Shape | A70 |
| Net Weight (Piece) | 0.050 kg |

## Approval and Application

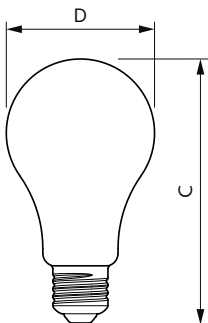| | |
|---|---|
| Energy Efficiency Class | A |
| Energy Consumption kWh/1000 h | 8 kWh |
| EPREL Registration Number | 1370037 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| Flickering value (PstLM) – Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |

## Application Conditions

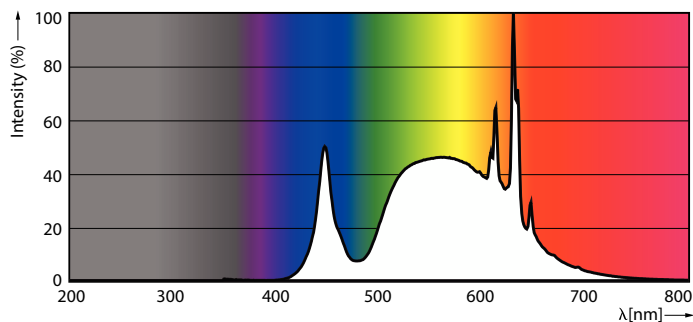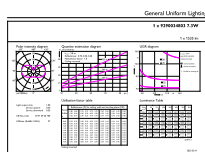| | |
|---|---|
| can it be used in closed luminaires | No |

## Product Data

| | |
|---|---|
| Order product name | MAS LEDBulbND7.3-100WE27840 A70 FRG UE |
| Full product name | MAS LEDBulbND7.3-100WE27840 A70 FRG UE |
| Full product code | 871951443585800 |
| Order code | 929003480302 |
| Material Nr. (12NC) | 929003480302 |
| Numerator – Quantity Per Pack | 1 |
| EAN/UPC – Product/Case | 8719514435858 |
| Numerator – Packs per outer box | 10 |
| EAN/UPC – Case | 8719514435865 |

## Dimensional drawing



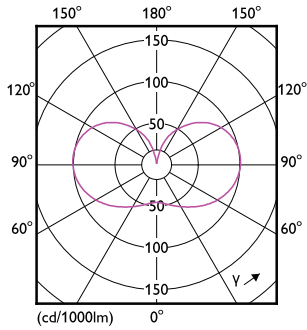| Product | D | C |
|---|---|---|
| MAS LEDBulbND7.3-100WE27840 A70 FRG UE | 70 mm | 127 mm |

## Photometric data



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



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

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## Photometric data

## Lifetime

www.lighting.philips.com

2025, March 17 – data subject to change