



MASTER UltraEfficient LED bulb

MAS LEDBulbND2.3-40W E27 840 A60 FR G 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] |
| Beam Angle (Nom) | 300 degree(s) |
| Luminous Flux | 485 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 | 2.3 W |
| Lamp Current (Nom) | 25 mA |
| Wattage Equivalent | 40 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 |

MASTER UltraEfficient LED bulb

Controls and Dimming

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

Mechanical and Housing

| | |
|--------------------|----------|
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Bulb Shape | A60 |
| Net Weight (Piece) | 0.030 kg |

Approval and Application

| | |
|---|--|
| Energy Efficiency Class | A |
| Energy Consumption kWh/1000 h | 3 kWh |
| EPREL Registration Number | 1442607 |
| Photobiological risk | Photobiological risk group 1 @ 200mm to EN62471 |
| 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 |

| | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +45 °C |
|---------------------------|---------------|

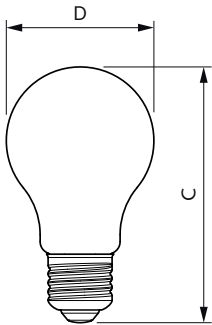
Application Conditions

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

Product Data

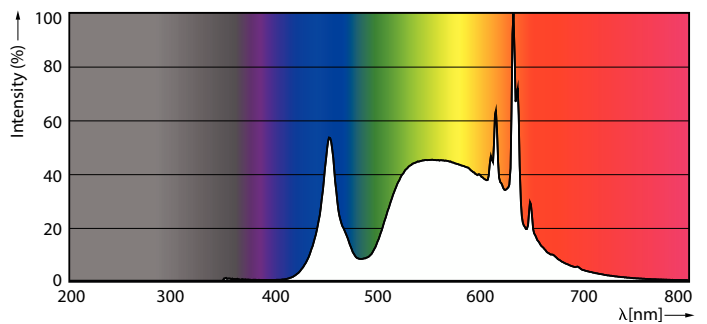
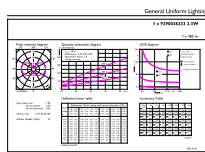
| | |
|---------------------------------|---|
| Order product name | MAS LEDBulbND2.3-40W E27 840 A60 FR G UE |
| Full product name | MAS LEDBulbND2.3-40W E27 840 A60 FR G UE |
| Full product code | 872016918841900 |
| Order code | 929003623302 |
| Material Nr. (12NC) | 929003623302 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169188419 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8720169188426 |

Dimensional drawing



| Product | D | C |
|--|-------|--------|
| MAS LEDBulbND2.3-40W E27 840 A60 FR G UE | 60 mm | 104 mm |

Photometric data

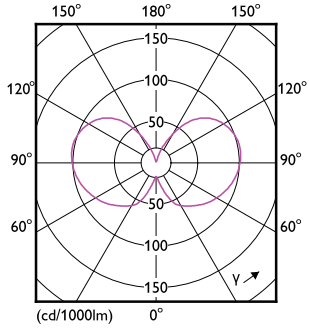


General uniform lighting - MAS LEDBulbND2.3-40W E27 840 A60 FR G UE

Spectral Power Distribution Colour - MAS LEDBulbND2.3-40W E27 840 A60
FR G UE

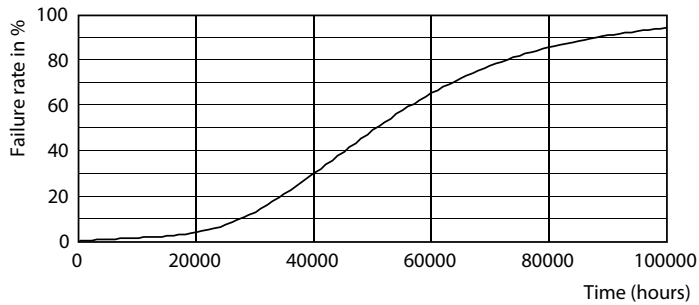
MASTER UltraEfficient LED bulb

Photometric data

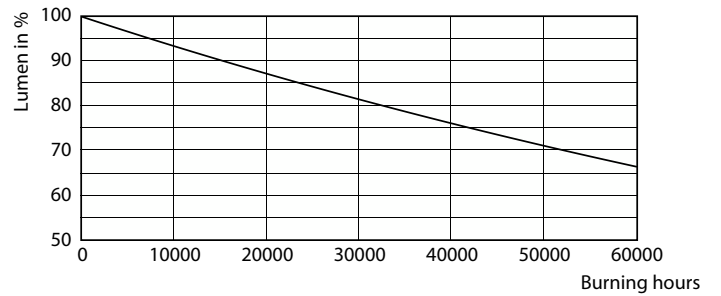


Light Distribution Diagram - MAS LEDBulbND2.3-40W E27 840 A60 FR G UE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND2.3-40W E27 840 A60 FR G UE

