PHILIPS Lighting





MASTER UltraEfficient LED candles and lusters

MAS LEDLusterND2.3-40W E27 840 P45CL GUE

This is the most efficient LED candle 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 [E27] | |
| Nominal lifetime | 50,000 hour(s) | |
| Switching Cycle | 50,000 | |
| Lighting Technology | LED | |
| Flux measurement reference | Sphere | |
| EU RoHS compliant | Yes | |
| | | |
| Light Technical | | |
| Color Code | 840 [CCT of 4000K] | |
| Luminous Flux | 485 lumen | |
| 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 % | |
| Flickering value (PstLM) | 1 | |
| | | |

| Stroboscopic effect value (SVM) | 0.4 |
|--|---------------|
| Photobiological safety according to EN | RG1 |
| 62471 | |
| | |
| 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 |
| Voltage (Nom) | 220 V |
| | |
| Temperature | |
| Ambient temperature range | -20 to +45 °C |
| | |

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| T-Case Maximum (Nom) | 70 ℃ | |
|-------------------------------|---|--|
| | | |
| Controls and Dimming | | |
| Dimmable | No | |
| | | |
| Mechanical and Housing | | |
| Bulb Finish | Clear | |
| Bulb Material | Glass | |
| Bulb Shape | P45 [P 45mm] | |
| | | |
| Approval and Application | | |
| Energy Efficiency Class | A | |
| Energy Consumption kWh/1000 h | 3 kWh | |
| EPREL Registration Number | 1442637 | |
| Photobiological risk | Photobiological risk group 1 @ 200mm to | |
| | EN62471 | |
| | | |

| EyeComfort | Yes | |
|---------------------------------|--------------------------------|--|
| | | |
| Product Data | | |
| Full product code | 872016918905800 | |
| Order product name | MAS LEDLusterND2.3-40W E27 840 | |
| | P45CL GUE | |
| Order code | 929003626502 | |
| Numerator - Quantity Per Pack | 1 | |
| Numerator - Packs per outer box | 10 | |
| Material Nr. (12NC) | 929003626502 | |
| Full product name | MAS LEDLusterND2.3-40W E27 840 | |
| | P45CL GUE | |
| EAN/UPC - Case | 8720169189065 | |
| EAN/UPC - Product/Case | 8720169189058 | |

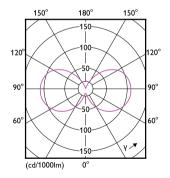
Dimensional drawing

| Product | D | с |
|--|-------|-------|
| MAS LEDLusterND2.3-40W E27 840 P45CL GUE | 45 mm | 78 mm |

Photometric data

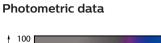
| | 1 x 9290034345 2.3W |
|-------------|---------------------|
| | 1 < 46 1 |
| | |
| Anna Anna A | |

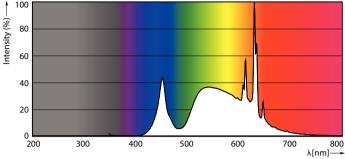
General uniform lighting - MAS LEDLusterND2.3-40W E27 840 P45CL GUE



Light Distribution Diagram - MAS LEDLusterND2.3-40W E27 840 P45CL GUE

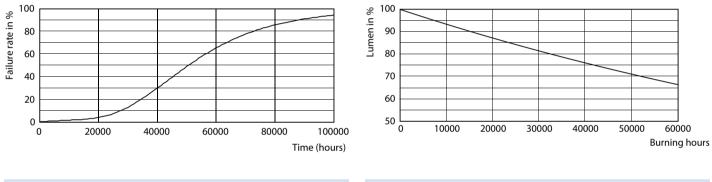
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Spectral Power Distribution Colour - MAS LEDLusterND2.3-40W E27 840 P45CL GUE

Lifetime



Life Expectancy Diagram - MAS LEDLusterND2.3-40W E27 840 P45CL GUE

Lumen Maintenance Diagram - MAS LEDLusterND2.3-40W E27 840 P45CL GUE



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